DRG Refinement with Diagnostic Specific Comorbidities and Complications: A Synthesis of Current Approaches to Patient Classification

Final Report

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TABLE OF CONTENTS

Page

VOLUME II

Appendix

1. LONG STAY HOSPITALS EXCLUDED FROM 1984 CALIFORNIA HOSPITAL DISCHARGE DATA BASE..... 1

2. HOSPITALS WITH INCOMPLETE DIAGNOSES: 1984 CALIFORNIA HOSPITAL DISCHARGE DATA BASE..... 2

3. DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES..... 3

4. PROCEDURE FOR ADJUSTING CHARGES..... 79

5. CORRELATION COEFFICIENT BETWEEN LOG (LOS) AND LOG (ADJ CHARGE), BETWEEN LOG (LOS) AND LOG (CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE: THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE..... 81

6. IMPROVING DRGS: USE OF PROCEDURE CODES FOR ASSISTED RESPIRATION TO ADJUST FOR COMPLEXITY OF ILLNESS..... 108

7. IMPROVING DRGS: THE "EARLY DEATH" VARIABLE 130

8. CLASS ASSIGNMENT OF CADRGs BASED ON DATA AND BASED ON THE REFINEMENT MODEL 146

Appendix 1

LONG STAY HOSPITALS EXCLUDED FROM 1984 CALIFORNIA HOSPITAL DISCHARGE DATA BASE

010811 Fairmont Hospital
190428 Kaiser Foundation; Norwalk
190462 Las Encinas
190715 Sierra Royale
190782 Tarzana Psychiatric
190958 Metropolitan State
191261 Mira Loma
281266 Napa State
301781 Fairview State
361768 Patton State
370775 Southwood Psychiatric
380865 Laguna Honda
391046 Stockton State
410752 Crystal Springs Rehabilitation
420506 Pinecrest
450936 Mayers Memorial
491267 Sonoma State
500938 Memorial Hospital Ceres
541123 Porterville State
560681 Camarillo State

Appendix 2

HOSPITALS WITH INCOMPLETE DIAGNOSES
1984 CALIFORNIA HOSPITAL DISCHARGE DATA BASE

270706 Alisal
430741 Children's Stanford
382715 Chinese
361144 Chino Community
270744 Chomp
331152 Corona Community
331164 Desert
440755 Dominican-Santa Cruz
010811 Fairmont
013637 Hayward Vesper
350784 Hazel Hawkins
331194 Jemet Valley
070988 John Muir
150737 Kern Valley
420491 Lompoc
073638 Los Medanos
050932 Mark Twain
420493 Marion Medical
010887 Memorial San Leandro
271118 Montery Peninsula
190603 Parkview
281047 Queen of the Valley
380993 R.K. Davies
580996 Rideout
331313 Riverside Community
311000 Roseville
121080 St. Joseph-Eureka
380964 St. Luke's
380965 St. Mary's
010967 St. Rose
361318 San Antonio
331326 San Gorgonio
420514 Santa Barbara Cottage
491064 Santa Rosa Memorial
040875 Feather River
150722 Greater Bakersfield
171395 Lakeside
121051 Redwood Memorial
100899 St. Agnes
430879 San Jose Health Center
231396 Ukiah Adventist
081066 Seaside
100793 Selma District
410817 Seton
121031 S. Humboldt
081066 Sutter Coast
571215 Sutter Davis
190422 Tracy
231339 Ukiah General
481094 Vallejo General(sutter Solano)
010983 Valley Memorial
010887 Vesper-San Leandro
071101 Walnut Creek
430924 Wheeler
571086 Woodland
571093 Yolo

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 009	01M,SPINAL DISORDERS & INJURIES
3432	Congenital quadriplegia
3440	Quadriplegia NOS
80600	C1-c4 fx-cl/cord inj NOS
80601	C1-c4 fx-cl/com cord les
80602	C1-c4 fx-cl/ant cord syn
80603	C1-c4 fx-cl/cen cord syn
80604	C1-c4 fx-cl/cord inj NEC
80605	C5-c7 fx-cl/cord inj NOS
80606	C5-c7 fx-cl/com cord les
80607	C5-c7 fx-cl/ant cord syn
80608	C5-c7 fx-cl/cen cord syn
80609	C5-c7 fx-cl/cord inj NEC
80610	C1-c4 fx-op/cord inj NOS
80611	C1-c4 fx-op/com cord les
80612	C1-c4 fx-op/ant cord syn
80613	C1-c4 fx-op/cen cord syn
80614	C1-c4 fx-op/cord inj NEC
80615	C5-c7 fx-op/cord inj NOS
80616	C5-c7 fx-op/com cord les
80617	C5-c7 fx-op/ant cord syn
80618	C5-c7 fx-op/cen cord syn
80619	C5-c7 fx-op/cord inj NEC
80620	T1-t6 fx-cl/cord inj NOS
80621	T1-t6 fx-cl/com cord les
80622	T1-t6 fx-cl/ant cord syn
80623	T1-t6 fx-cl/cen cord syn
80624	T1-t6 fx-cl/cord inj NEC
80625	T7-t12 fx-cl/crd inj NOS
80626	T7-t12 fx-cl/com crd les
80627	T7-t12 fx-cl/ant crd syn
80628	T7-t12 fx-cl/cen crd syn
80629	T7-t12 fx-cl/crd inj NEC
80630	T1-t6 fx-op/cord inj NOS
80631	T1-t6 fx-op/com cord les
80632	T1-t6 fx-op/ant cord syn
80633	T1-t6 fx-op/cen cord syn
80634	T1-t6 fx-op/cord inj NEC
80635	T7-t12 fx-op/crd inj NOS
80636	T7-t12 fx-op/com crd les
80637	T7-t12 fx-op/ant crd syn
80638	T7-t12 fx-op/cen crd syn
80639	T7-t12 fx-op/crd inj NEC
8064	Cl lumbar fx w cord inj
8065	Opn lumbar fx w cord inj
80660	Fx sacrum-cl/crd inj NOS
80661	Fx sacr-cl/cauda equ les

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80662	Fx sacr-cl/cauda inj NEC
80669	Fx sacrum-cl/crd inj NEC
80670	Fx sacrum-op/crd inj NOS
80671	Fx sacr-op/cauda equ les
80672	Fx sacr-op/cauda inj NEC
80679	Fx sacrum-op/crd inj NEC
8068	Vert fx NOS-cl w crd inj
8069	Vert fx NOS-op w crd inj
95200	C1-c4 spin cord inj NOS
95201	Complete les cord/c1-c4
95202	Anterior cord synd/c1-c4
95203	Central cord synd/c1-c4
95204	C1-c4 spin cord inj NEC
95205	C5-c7 spin cord inj NOS
95206	Complete les cord/c5-c7
95207	Anterior cord synd/c5-c7
95208	Central cord synd/c5-c7
95209	C5-c7 spin cord inj NEC
95210	T1-t6 spin cord inj NOS
95211	Complete les cord/t1-t6
95212	Anterior cord synd/t1-t6
95213	Central cord synd/t1-t6
95214	T1-t6 spin cord inj NEC
95215	T7-t12 spin cord inj NOS
95216	Complete les cord/t7-t12
95217	Anterior cord syn/t7-t12
95218	Central cord syn/t7-t12
95219	T7-t12 spin cord inj NEC
9522	Lumbar spinal cord injur
9523	Sacral spinal cord injur
9524	Cauda equina injury
9528	Spin cord inj-mult site
9529	Spinal cord injury NOS

CADRG 010 01M,NERVOUS SYSTEM NEOPLASMS

1910	Malign neopl cerebrum
1911	Malig neo frontal lobe
1912	Mal neo temporal lobe
1913	Mal neo parietal lobe
1914	Mal neo occipital lobe
1915	Mal neo cereb ventricle
1916	Mal neo cerebellum NOS
1917	Mal neo brain stem
1918	Malig neo brain NEC
1919	Malig neo brain NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
1920	Mal neo cranial nerves
1921	Mal neo cerebral mening
1922	Mal neo spinal cord
1923	Mal neo spinal meninges
1928	Mal neo nervous syst NEC
1983	Sec mal neo brain/spine
1984	Sec malig neo nerve NEC

CADRG 012 01M,DEGENERATIVE NERVOUS SYSTEM DISORDERS

0462	Subac scleros panenceph
0940	Tabes dorsalis
0941	General paresis
09489	Neurosyphilis NEC
0949	Neurosyphilis NOS
3314	Obstructiv hydrocephalus
3350	Werdnig-hoffmann disease
33510	Spinal muscl atrophy NOS
33511	Kugelberg-welander dis
33519	Spinal muscl atrophy NEC
33520	Amyotrophic sclerosis
33521	Prog muscular atrophy
33522	Progressive bulbar palsy
33523	Pseudobulbar palsy
33524	Prim lateral sclerosis
33529	Motor neuron disease NEC
3358	Ant horn cell dis NEC
3359	Ant horn cell dis NOS
3580	Myasthenia gravis
3581	Myasthenia in oth dis

CADRG 013 01M,MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA

340	Multiple sclerosis

CADRG 014 01M,SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA

430	Subarachnoid hemorrhage
431	Intracerebral hemorrhage
4320	Nontraum extradural hem
4321	Subdural hemorrhage
4340	Cerebral thrombosis
4341	Cerebral embolism
4349	Cerebr artery occlus NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
436	Cva
67400	Puerp cerebvasc dis-unsp

CADRG 015 01M,TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLU

4330	Basilar artery occlusion
4331	Carotid artery occlusion
4332	Vertebral art occlusion
4333	Mult precereb occlusion

CADRG 018 01M,CRANIAL & PERIPHERAL NERVE DISORDERS

05312	Postherpes trigem neural
05313	Postherpes polyneuropath
05600	Rubella nerve compl NOS
07272	Mumps polyneuropathy
25060	Diab neuro manif adult
25061	Diab neuro manif juven
7234	Brachial neuritis NOS
9530	Cervical root injury
9531	Dorsal root injury
9532	Lumbar root injury
9533	Sacral root injury
9534	Brachial plexus injury
9535	Lumbosacral plex injury
9538	Mult nerve root/plex inj
9539	Inj nerve root/plex NOS

CADRG 020 01M,NERVOUS SYSTEM INFECTION EXC VIRAL MENINGITIS

01300	TB meningitis-unspec
01301	TB meningitis-no exam
01302	TB meningitis-exam unkn
01303	TB meningitis-micro dx
01304	TB meningitis-cult dx
01305	TB meningitis-histo dx
01306	TB meningitis-oth test
01310	Tubrclma meninges-unspec
01311	Tubrclma mening-no exam
01312	Tubrclma menin-exam unkn
01313	Tubrclma mening-micro dx
01314	Tubrclma mening-cult dx
01315	Tubrclma mening-histo dx
01316	Tubrclma mening-oth test

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
01320	Tuberculoma brain-unspec
01321	Tubrcloma brain-no exam
01322	Tubrclma brain-exam unkn
01323	Tubrcloma brain-micro dx
01324	Tubrcloma brain-cult dx
01325	Tubrcloma brain-histo dx
01326	Tubrcloma brain-oth test
01330	TB brain abscess-unspec
01331	TB brain abscess-no exam
01332	TB brain absc-exam unkn
01333	TB brain absc-micro dx
01334	TB brain abscess-cult dx
01335	TB brain absc-histo dx
01336	TB brain absc-oth test
01340	Tubrclma sp cord-unspec
01341	Tubrclma sp cord-no exam
01342	Tubrclma sp cd-exam unkn
01343	Tubrclma sp crd-micro dx
01344	Tubrclma sp cord-cult dx
01345	Tubrclma sp crd-histo dx
01346	Tubrclma sp crd-oth test
01350	TB sp crd abscess-unspec
01351	TB sp crd absc-no exam
01352	TB sp crd absc-exam unkn
01353	TB sp crd absc-micro dx
01354	TB sp crd absc-cult dx
01355	TB sp crd absc-histo dx
01356	TB sp crd absc-oth test
01360	TB encephalitis-unspec
01361	TB encephalitis-no exam
01362	TB encephalit-exam unkn
01363	TB encephalitis-micro dx
01364	TB encephalitis-cult dx
01365	TB encephalitis-histo dx
01366	TB encephalitis-oth test
01380	Cns TB NEC-unspec
01381	Cns TB NEC-no exam
01382	Cns TB NEC-exam unkn
01383	Cns TB NEC-micro dx
01384	Cns TB NEC-cult dx
01385	Cns TB NEC-histo dx
01386	Cns TB NEC-oth test
01390	Cns TB NOS-unspec
01391	Cns TB NOS-no exam
01392	Cns TB NOS-exam unkn
01393	Cns TB NOS-micro dx
01394	Cns TB NOS-cult dx

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
01395	Cns TB NOS-histo dx
01396	Cns TB NOS-oth test
0360	Meningococcal meningitis
0361	Meningococc encephalitis
0520	Postvaricella encephalit
05310	H zoster nerv syst NOS
05311	Geniculate herpes zoster
05319	H zoster nerv syst NEC
0543	Herpetic encephalitis
0550	Postmeasles encephalitis
05601	Rubella encephalitis
05609	Rubella nerve compl NEC
0722	Mumps encephalitis
09040	Juvenile neurosyph NOS
09041	Congen syph encephalitis
09042	Congen syph meningitis
09049	Juvenile neurosyph NEC
0942	Syphilitic meningitis
0943	Asymptomat neurosyphilis
09481	Syphilitic encephalitis
11283	Candidal meningitis
1142	Coccidioidal meningitis
11501	Histoplasm capsul mening
11511	Histoplasm dubois mening
11591	Histoplasmosis meningit
1300	Toxoplasm meningoenceph
3200	Hemophilus meningitis
3201	Pneumococcal meningitis
3202	Streptococcal meningitis
3203	Staphylococc meningitis
3207	Mening in oth bact dis
3208	Bacterial meningitis NEC
3209	Bacterial meningitis NOS
3210	Cryptococcal meningitis
3211	Mening in oth fungal dis
3212	Mening in oth viral dis
3213	Trypanosomiasis meningit
3214	Meningit d/t sarcoidosis
3218	Mening in oth nonbac dis
3220	Nonpyogenic meningitis
3221	Eosinophilic meningitis
3222	Chronic meningitis
3229	Meningitis NOS
3240	Intracranial abscess
3241	Intraspinal abscess
3249	Cns abscess NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 021	01M,VIRAL MENINGITIS
0530	Herpes zoster meningitis
05472	H simplex meningitis
0721	Mumps meningitis
CADRG 022	01M,HYPERTENSIVE ENCEPHALOPATHY
4372	Hypertens encephalopathy
CADRG 023	01M,NONTRAUMATIC STUPOR & COMA
7800	Coma and stupor
CADRG 024	01M,SEIZURE
3451	Gen convulsive epilepsy
3452	Petit mal status
3453	Grand mal status
3490	Lumbar puncture reaction
4374	Cerebral arteritis
7803	Convulsions
CADRG 027	01M,TRAUMATIC STUPOR & COMA, COMA >1 HR
80003	Cl skull vlt fx-mod coma
80004	Cl skl vlt fx-proln coma
80005	Cl skul vlt fx-deep coma
80006	Cl skull vlt fx-coma NOS
80013	Cl skull vlt fx-mod coma
80014	Cl skl vlt fx-proln coma
80015	Cl skul vlt fx-deep coma
80016	Cl skull vlt fx-coma NOS
80023	Cl skull vlt fx-mod coma
80024	Cl skl vlt fx-proln coma
80025	Cl skul vlt fx-deep coma
80026	Cl skull vlt fx-coma NOS
80033	Cl skull vlt fx-mod coma
80034	Cl skl vlt fx-proln coma
80035	Cl skul vlt fx-deep coma
80036	Cl skull vlt fx-coma NOS
80043	Cl skull vlt fx-mod coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80044	Cl skl vlt fx-proln coma
80045	Cl skul vlt fx-deep coma
80046	Cl skull vlt fx-coma NOS
80053	Opn skul vlt fx-mod coma
80054	Opn skl vlt fx-proln com
80055	Opn skl vlt fx-deep coma
80056	Opn skul vlt fx-coma NOS
80063	Opn skul vlt fx-mod coma
80064	Opn skl vlt fx-proln com
80065	Opn skl vlt fx-deep coma
80066	Opn skul vlt fx-coma NOS
80073	Opn skul vlt fx-mod coma
80074	Opn skl vlt fx-proln com
80075	Opn skl vlt fx-deep coma
80076	Opn skul vlt fx-coma NOS
80083	Opn skul vlt fx-mod coma
80084	Opn skl vlt fx-proln com
80085	Opn skl vlt fx-deep coma
80086	Opn skul vlt fx-coma NOS
80093	Opn skul vlt fx-mod coma
80094	Opn skl vlt fx-proln com
80095	Op skul vlt fx-deep coma
80096	Opn skul vot fx-coma NOS
80103	Cl skul base fx-mod coma
80104	Cl skl base fx-prol coma
80105	Cl skl base fx-deep coma
80106	Cl skul base fx-coma NOS
80113	Cl skul base fx-mod coma
80114	Cl skl base fx-prol coma
80115	Cl skl base fx-deep coma
80116	Cl skul base fx-coma NOS
80123	Cl skul base fx-mod coma
80124	Cl skl base fx-prol coma
80125	Cl skl base fx-deep coma
80126	Cl skul base fx-coma NOS
80133	Cl skul base fx-mod coma
80134	Cl skl base fx-prol coma
80135	Cl skl base fx-deep coma
80136	Cl skul base fx-coma NOS
80143	Cl skul base fx-mod coma
80144	Cl skl base fx-prol coma
80145	Cl skl base fx-deep coma
80146	Cl skul base fx-coma NOS
80153	Opn skl base fx-mod coma
80154	Op skl base fx-prol coma
80155	Op skl base fx-deep coma
80156	Opn skl base fx-coma NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80163	Opn skl base fx-mod coma
80164	Op skl base fx-prol coma
80165	Op skl base fx-deep coma
80166	Opn skl base fx-coma NOS
80173	Opn skl base fx-mod coma
80174	Op skl base fx-prol coma
80175	Op skl base fx-deep coma
80176	Opn skl base fx-coma NOS
80183	Opn skl base fx-mod coma
80184	Op skl base fx-prol coma
80185	Op skl base fx-deep coma
80186	Opn skl base fx-coma NOS
80193	Opn skl base fx-mod coma
80194	Op skl base fx-prol coma
80195	Op skl base fx-deep coma
80196	Opn skl base fx-coma NOS
80303	Cl skull fx NEC-mod coma
80304	Cl skl fx NEC-proln coma
80305	Cl skul fx NEC-deep coma
80306	Cl skull fx NEC-coma NOS
80313	Cl skull fx NEC-mod coma
80314	Cl skl fx NEC-proln coma
80315	Cl skul fx NEC-deep coma
80316	Cl skull fx NEC-coma NOS
80323	Cl skull fx NEC-mod coma
80324	Cl skl fx NEC-proln coma
80325	Cl skul fx NEC-deep coma
80326	Cl skull fx NEC-coma NOS
80333	Cl skull fx NEC-mod coma
80334	Cl skl fx NEC-proln coma
80335	Cl skul fx NEC-deep coma
80336	Cl skull fx NEC-coma NOS
80343	Cl skull fx NEC-mod coma
80344	Cl skl fx NEC-proln coma
80345	Cl skul fx NEC-deep coma
80346	Cl skull fx NEC-coma NOS
80353	Opn skul fx NEC-mod coma
80354	Opn skl fx NEC-prol coma
80355	Opn skl fx NEC-deep coma
80356	Opn skul fx NEC-coma NOS
80363	Opn skul fx NEC-mod coma
80364	Opn skl fx NEC-proln com
80365	Opn skl fx NEC-deep coma
80366	Opn skul fx NEC-coma NOS
80373	Opn skul fx NEC-mod coma
80374	Opn skl fx NEC-prol coma
80375	Opn skl fx NEC-deep coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80376	Opn skul fx NEC-coma NOS
80383	Opn skul fx NEC-mod coma
80384	Opn skl fx NEC-prol coma
80385	Opn skl fx NEC-deep coma
80386	Opn skul fx NEC-coma NOS
80393	Opn skul fx NEC-mod coma
80394	Opn skl fx NEC-prol coma
80395	Opn skl fx NEC-deep coma
80396	Opn skul fx NEC-coma NOS
80403	Cl skl w oth fx-mod coma
80404	Cl skl/oth fx-proln coma
80405	Cl skul/oth fx-deep coma
80406	Cl skl w oth fx-coma NOS
80413	Cl skl w oth fx-mod coma
80414	Cl skl/oth fx-proln coma
80415	Cl skul/oth fx-deep coma
80416	Cl skl w oth fx-coma NOS
80423	Cl skl w oth fx-mod coma
80424	Cl skl/oth fx-proln coma
80425	Cl skul/oth fx-deep coma
80426	Cl skl w oth fx-coma NOS
80433	Cl skl w oth fx-mod coma
80434	Cl skl/oth fx-proln coma
80435	Cl skul/oth fx-deep coma
80436	Cl skl w oth fx-coma NOS
80443	Cl skl w oth fx-mod coma
80444	Cl skl/oth fx-proln coma
80445	Cl skul/oth fx-deep coma
80446	Cl skl w oth fx-coma NOS
80453	Opn skul/oth fx-mod coma
80454	Opn skl/oth fx-prol coma
80455	Opn skl/oth fx-deep coma
80456	Opn skul/oth fx-coma NOS
80463	Opn skul/oth fx-mod coma
80464	Opn skl/oth fx-prol coma
80465	Opn skl/oth fx-deep coma
80466	Opn skul/oth fx-coma NOS
80473	Opn skul/oth fx-mod coma
80474	Opn skl/oth fx-prol coma
80475	Opn skl/oth fx-deep coma
80476	Opn skul/oth fx-coma NOS
80483	Opn skul/oth fx-mod coma
80484	Opn skl/oth fx-prol coma
80485	Opn skl/oth fx-deep coma
80486	Opn skul/oth fx-coma NOS
80493	Opn skul/oth fx-mod coma
80494	Opn skl/oth fx-prol coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80495	Opn skl/oth fx-deep coma
80496	Opn skul/oth fx-coma NOS
85103	Cortex contus-mod coma
85104	Cortx contus-prolng coma
85105	Cortex contus-deep coma
85106	Cortex contus-coma NOS
85113	Opn cort contus-mod coma
85114	Opn cort contu-prol coma
85115	Opn cort contu-deep coma
85116	Opn cort contus-coma NOS
85123	Cortex lacerat-mod coma
85124	Cortex lacerat-prol coma
85125	Cortex lacerat-deep coma
85126	Cortex lacerat-coma NOS
85133	Opn cortx lacer-mod coma
85134	Opn cortx lac-proln coma
85135	Opn cortex lac-deep coma
85136	Opn cortx lacer-coma NOS
85143	Cerebell contus-mod coma
85144	Cerebel contus-prol coma
85145	Cerebel contus-deep coma
85146	Cerebell contus-coma NOS
85153	Opn cerebe cont-mod coma
85154	Opn cerebe cont-prol com
85155	Opn cerebe cont-deep com
85156	Opn cerebe cont-coma NOS
85163	Cerebel lacerat-mod coma
85164	Cerebel lacer-proln coma
85165	Cerebell lacer-deep coma
85166	Cerebel lacerat-coma NOS
85173	Opn cerebel lac-mod coma
85174	Opn cerebe lac-prol coma
85175	Opn cerebe lac-deep coma
85176	Opn cerebel lac-coma NOS
85183	Brain lacer NEC-mod coma
85184	Brain lac NEC-proln coma
85185	Brain lac NEC-deep coma
85186	Brain lacer NEC-coma NOS
85193	Opn brain lacer-mod coma
85194	Opn brain lac-proln coma
85195	Open brain lac-deep coma
85196	Opn brain lacer-coma NOS
85203	Subarach hem-mod coma
85204	Subarach hem-prolng coma
85205	Subarach hem-deep coma
85206	Subarach hem-coma NOS
85213	Op subarach hem-mod coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
85214	Op subarach hem-prol com
85215	Op subarach hem-deep com
85216	Op subarach hem-coma NOS
85223	Subdural hemorr-mod coma
85224	Subdural hem-prolng coma
85225	Subdural hem-deep coma
85226	Subdural hemorr-coma NOS
85233	Opn subdur hem-mod coma
85234	Opn subdur hem-prol coma
85235	Opn subdur hem-deep coma
85236	Opn subdur hem-coma NOS
85243	Extradural hem-mod coma
85244	Extradur hem-proln coma
85245	Extradural hem-deep coma
85246	Extradural hem-coma NOS
85253	Extradural hem-mod coma
85254	Extradur hem-proln coma
85255	Extradur hem-deep coma
85256	Extradural hem-coma NOS
85303	Brain hem NEC-mod coma
85304	Brain hem NEC-proln coma
85305	Brain hem NEC-deep coma
85306	Brain hem NEC-coma NOS
85313	Brain hem open-mod coma
85314	Brain hem opn-proln coma
85315	Brain hem open-deep coma
85316	Brain hem open-coma NOS
85403	Brain inj NEC-mod coma
85404	Brain inj NEC-proln coma
85405	Brain inj NEC-deep coma
85406	Brain inj NEC-coma NOS
85413	Opn brain inj-mod coma
85414	Opn brain inj-proln coma
85415	Opn brain inj-deep coma
85416	Open brain inj-coma NOS

CADRG 028 01M,TRAUMATIC STUPOR & COMA, COMA <1 HR

80000	Closed skull vault fx
80001	Cl skull vlt fx w/o coma
80002	Cl skull vlt fx-brf coma
80009	Cl skl vlt fx-concus NOS
80010	Cl skl vlt fx/cerebr lac
80011	Cl skull vlt fx w/o coma
80012	Cl skull vlt fx-brf coma
80019	Cl skl vlt fx-concus NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80020	Cl skl vlt fx/mening hem
80021	Cl skull vlt fx w/o coma
80022	Cl skull vlt fx-brf coma
80029	Cl skl vlt fx-concus NOS
80030	Cl skull vlt fx/hem NEC
80031	Cl skull vlt fx w/o coma
80032	Cl skull vlt fx-brf coma
80039	Cl skl vlt fx-concus NOS
80040	Cl skl vlt fx/br inj NEC
80041	Cl skull vlt fx w/o coma
80042	Cl skull vlt fx-brf coma
80049	Cl skl vlt fx-concus NOS
80050	Opn skull vault fracture
80051	Opn skul vlt fx w/o coma
80052	Opn skul vlt fx-brf coma
80059	Op skl vlt fx-concus NOS
80060	Opn skl vlt fx/cereb lac
80061	Opn skul vlt fx w/o coma
80062	Opn skul vlt fx-brf coma
80069	Op skl vlt fx-concus NOS
80070	Opn skl vlt fx/menin hem
80071	Opn skul vlt fx w/o coma
80072	Opn skul vlt fx-brf coma
80079	Op skl vlt fx-concus NOS
80080	Opn skull vlt fx/hem NEC
80081	Opn skul vlt fx w/o coma
80082	Opn skul vlt fx-brf coma
80089	Op skl vlt fx-concus NOS
80090	Op skl vlt fx/br inj NEC
80091	Opn skul vlt fx w/o coma
80092	Opn skul vlt fx-brf coma
80099	Op skl vlt fx-concus NOS
80100	Clos skull base fracture
80101	Cl skul base fx w/o coma
80102	Cl skul base fx-brf coma
80109	Cl skull base fx-concuss
80110	Cl skl base fx/cereb lac
80111	Cl skul base fx w/o coma
80112	Cl skul base fx-brf coma
80119	Cl skull base fx-concuss
80120	Cl skl base fx/menin hem
80121	Cl skul base fx w/o coma
80122	Cl skul base fx/brf coma
80129	Cl skull base fx-concuss
80130	Cl skull base fx/hem NEC
80131	Cl skul base fx w/o coma
80132	Cl skul base fx-brf coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80139	Cl skull base fx-concuss
80140	Cl sk base fx/br inj NEC
80141	Cl skul base fx w/o coma
80142	Cl skul base fx-brf coma
80149	Cl skull base fx-concuss
80150	Open skull base fracture
80151	Opn skl base fx w/o coma
80152	Opn skl base fx-brf coma
80159	Opn skul base fx-concuss
80160	Op skl base fx/cereb lac
80161	Opn skl base fx w/o coma
80162	Opn skl base fx-brf coma
80169	Opn skul base fx-concuss
80170	Op skl base fx/menin hem
80171	Opn skl base fx w/o coma
80172	Opn skl base fx-brf coma
80179	Opn skul base fx-concuss
80180	Opn skul base fx/hem NEC
80181	Opn skl base fx w/o coma
80182	Opn skl base fx-brf coma
80189	Opn skul base fx-concuss
80190	Op sk base fx/br inj NEC
80191	Op skul base fx w/o coma
80192	Opn skl base fx-brf coma
80199	Opn skul base fx-concuss
80300	Close skull fracture NEC
80301	Cl skull fx NEC w/o coma
80302	Cl skull fx NEC-brf coma
80309	Cl skull fx NEC-concuss
80310	Cl skl fx nec/cerebr lac
80311	Cl skull fx NEC w/o coma
80312	Cl skull fx NEC-brf coma
80319	Cl skull fx NEC-concuss
80320	Cl skl fx nec/mening hem
80321	Cl skull fx NEC w/o coma
80322	Cl skull fx NEC-brf coma
80329	Cl skull fx NEC-concuss
80330	Cl skull fx nec/hem NEC
80331	Cl skull fx NEC w/o coma
80332	Cl skull fx NEC-brf coma
80339	Cl skull fx NEC-concuss
80340	Cl skl fx nec/br inj NEC
80341	Cl skull fx NEC w/o coma
80342	Cl skull fx NEC-brf coma
80349	Cl skull fx NEC-concuss
80350	Open skull fracture NEC
80351	Opn skul fx NEC w/o coma

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80352	Opn skul fx NEC-brf coma
80359	Opn skull fx NEC-concuss
80360	Opn skl fx nec/cereb lac
80361	Opn skul fx NEC w/o coma
80362	Opn skul fx NEC-brf coma
80369	Opn skull fx NEC-concuss
80370	Opn skl fx nec/menin hem
80371	Opn skul fx NEC w/o coma
80372	Opn skul fx NEC-brf coma
80379	Opn skull fx NEC-concuss
80380	Opn skull fx nec/hem NEC
80381	Opn skul fx NEC w/o coma
80382	Opn skul fx NEC-brf coma
80389	Opn skull fx NEC-concuss
80390	Op skl fx nec/br inj NEC
80391	Opn skul fx NEC w/o coma
80392	Opn skul fx NEC-brf coma
80399	Opn skull fx NEC-concuss
80400	Cl skul fx w oth bone fx
80401	Cl skl w oth fx w/o coma
80402	Cl skl w oth fx-brf coma
80409	Cl skul w oth fx-concuss
80410	Cl sk w oth fx/cereb lac
80411	Cl skl w oth fx w/o coma
80412	Cl skl w oth fx-brf coma
80419	Cl skul w oth fx-concuss
80420	Cl skl/oth fx/mening hem
80421	Cl skl w oth fx w/o coma
80422	Cl skl w oth fx-brf coma
80429	Cl skul w oth fx-concuss
80430	Cl skul w oth fx/hem NEC
80431	Cl skl w oth fx w/o coma
80432	Cl skl w oth fx-brf coma
80439	Cl skul w oth fx-concuss
80440	Cl skl/oth fx/br inj NEC
80441	Cl skl w oth fx w/o coma
80442	Cl skl w oth fx-brf coma
80449	Cl skul w oth fx-concuss
80450	Opn skull fx/oth bone fx
80451	Opn skul/oth fx w/o coma
80452	Opn skul/oth fx-brf coma
80459	Opn skull/oth fx-concuss
80460	Opn skl/oth fx/cereb lac
80461	Opn skul/oth fx w/o coma
80462	Opn skul/oth fx-brf coma
80469	Opn skull/oth fx-concuss
80470	Opn skl/oth fx/menin hem

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80471	Opn skul/oth fx w/o coma
80472	Opn skul/oth fx-brf coma
80479	Opn skull/oth fx-concuss
80480	Opn skl w oth fx/hem NEC
80481	Opn skul/oth fx w/o coma
80482	Opn skul/oth fx-brf coma
80489	Opn skull/oth fx-concuss
80490	Op skl/oth fx/br inj NEC
80491	Opn skul/oth fx w/o coma
80492	Opn skul/oth fx-brf coma
80499	Opn skull/oth fx-concuss
85100	Cerebral cortx contusion
85101	Cortex contusion-no coma
85102	Cortex contus-brief coma
85109	Cortex contus-concus NOS
85110	Cortex contusion/opn wnd
85111	Opn cortx contus-no coma
85112	Opn cort contus-brf coma
85119	Opn cortx contus-concuss
85120	Cerebral cortex lacerat
85121	Cortex lacerat w/o coma
85122	Cortex lacera-brief coma
85129	Cortex lacerat-concuss
85130	Cortex lacer w opn wound
85131	Opn cortex lacer-no coma
85132	Opn cortx lac-brief coma
85139	Opn cortx lacer-concuss
85140	Cerebel/brain stm contus
85141	Cerebell contus w/o coma
85142	Cerebell contus-brf coma
85149	Cerebell contus-concuss
85150	Cerebel contus w opn wnd
85151	Opn cerebe cont w/o coma
85152	Opn cerebe cont-brf coma
85159	Opn cerebel cont-concuss
85160	Cerebel/brain stem lacer
85161	Cerebel lacerat w/o coma
85162	Cerebel lacer-brief coma
85169	Cerebel lacer-concussion
85170	Cerebel lacer w open wnd
85171	Opn cerebel lac w/o coma
85172	Opn cerebel lac-brf coma
85179	Opn cerebell lac-concuss
85180	Brain laceration NEC
85181	Brain lacer NEC w/o coma
85182	Brain lac NEC-brief coma
85189	Brain lacer NEC-concuss

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
85190	Brain lac NEC w open wnd
85191	Opn brain lacer w/o coma
85192	Opn brain lac-brief coma
85199	Open brain lacer-concuss
85200	Traum subarachnoid hem
85201	Subarachnoid hem-no coma
85202	Subarach hem-brief coma
85209	Subarach hem-concussion
85210	Subarach hem w opn wound
85211	Opn subarach hem-no coma
85212	Op subarach hem-brf coma
85219	Opn subarach hem-concuss
85220	Traumatic subdural hem
85221	Subdural hem w/o coma
85222	Subdural hem-brief coma
85229	Subdural hem-concussion
85230	Subdural hem w opn wound
85231	Open subdur hem w/o coma
85232	Opn subdur hem-brf coma
85239	Opn subdur hem-concuss
85240	Traumatic extradural hem
85241	Extradural hem w/o coma
85242	Extradur hem-brief coma
85249	Extadural hem-concuss
85250	Extradural hem w opn wnd
85251	Extradural hemor-no coma
85252	Extradur hem-brief coma
85259	Extradural hem-concuss
85300	Traumatic brain hem NEC
85301	Brain hem NEC w/o coma
85302	Brain hem NEC-brief coma
85309	Brain hem NEC-concussion
85310	Brain hem NEC w opn wnd
85311	Brain hem opn w/o coma
85312	Brain hem opn-brf coma
85319	Brain hem opn-concussion
85400	Brain injury NEC
85401	Brain injury NEC-no coma
85402	Brain inj NEC-brief coma
85409	Brain inj NEC-concussion
85410	Brain injury w opn wnd
85411	Opn brain inj w/o coma
85412	Opn brain inj-brief coma
85419	Opn brain inj-concussion

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 031	01M,CONCUSSION
8500	Concussion w/o coma
8501	Concussion-brief coma
8502	Concussion-moderate coma
8503	Concussion-prolong coma
8504	Concussion-deep coma
8505	Concussion w coma NOS
8509	Concussion NOS
CADRG 034A	01M,(A) OTHER DISORDERS OF NERVOUS SYSTEM
3481	Anoxic brain damage
3491	Complication cns device
34981	Cerebrospinal rhinorrhea
34982	Toxic encephalopathy
9962	Malfun neuro device/graf
9970	Surg complication-cns
CADRG 034B	01M,(B) OTHER DISORDERS OF NERVOUS SYSTEM
09487	Syph rupt cereb aneurysm
1371	Late effect cns TB
138	Late effect acute polio
325	Phlebitis intrcran sinus
3590	Cong hered musc dystrphy
3591	Hered prog musc dystrphy
37700	Papilledema NOS
37701	Papilledema w incr press
4375	Moyamoya disease
4376	Nonpyogen thrombos sinus
74100	Spin bif w hydroceph NOS
74101	Spin bif w hydrceph-cerv
74102	Spin bif w hydrceph-dors
74103	Spin bif w hydrceph-lumb
74190	Spina bifida
74191	Spina bifida-cerv
74192	Spina bifida-dorsal
74193	Spina bifida-lumbar
CADRG 045	02M,NEUROLOGICAL EYE DISORDERS
03681	Meningococc optic neurit

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 031	01M,CONCUSSION
8500	Concussion w/o coma
8501	Concussion-brief coma
8502	Concussion-moderate coma
8503	Concussion-prolong coma
8504	Concussion-deep coma
8505	Concussion w coma NOS
8509	Concussion NOS
CADRG 034A	01M,(A) OTHER DISORDERS OF NERVOUS SYSTEM
3481	Anoxic brain damage
3491	Complication cns device
34981	Cerebrospinal rhinorrhea
34982	Toxic encephalopathy
9962	Malfun neuro device/graf
9970	Surg complication-cns
CADRG 034B	01M,(B) OTHER DISORDERS OF NERVOUS SYSTEM
09487	Syph rupt cereb aneurysm
1371	Late effect cns TB
138	Late effect acute polio
325	Phlebitis intrcran sinus
3590	Cong hered musc dystrphy
3591	Hered prog musc dystrphy
37700	Papilledema NOS
37701	Papilledema w incr press
4375	Moyamoya disease
4376	Nonpyogen thrombos sinus
74100	Spin bif w hydroceph NOS
74101	Spin bif w hydrceph-cerv
74102	Spin bif w hydrceph-dors
74103	Spin bif w hydrceph-lumb
74190	Spina bifida
74191	Spina bifida-cerv
74192	Spina bifida-dorsal
74193	Spina bifida-lumbar
CADRG 045	02M,NEUROLOGICAL EYE DISORDERS
03681	Meningococc optic neurit

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 046	**02M,OTHER DISORDERS OF THE EYE**
01730	TB of eye-unspec
01731	TB of eye-no exam
01732	TB of eye-exam unkn
01733	TB of eye-micro dx
01734	TB of eye-cult dx
01735	TB of eye-histo dx
01736	TB of eye-oth test
05571	Measles keratitis
11502	Histoplasm capsul retina
11512	Histoplasm dubois retina
11592	Histoplasmosis retinitis
1301	Toxoplasm conjunctivitis
1302	Toxoplasm chorioretinit
25050	Diab ophthal manif adult
25051	Diab ophthal manif juven
37702	Papilledema w decr press
8026	Fx orbital floor-closed
8027	Fx orbital floor-open
8703	Penetr wnd orbit w/o FB
8704	Penetrat wnd orbit w FB
8708	Opn wnd ocular adnex NEC
8709	Opn wnd ocular adnex NOS
8710	Ocular lac w/o prolapse
8711	Ocular lacera w prolapse
8712	Rupture eye w tissu loss
8713	Avulsion of eye
8714	Laceration of eye NOS
8719	Opn wound of eyeball NOS
CADRG 067	**03M,OBSTRUCTIVE EPIGLOTTITIS**
46431	Ac epiglottitis w obstr
CADRG 068	**03M,PHARYNGEAL ABSCESS**
0552	Postmeasles otitis media
38301	Subperi mastoid abscess
475	Peritonsillar abscess
47821	Cellulitis of pharynx
47822	Parapharyngeal abscess
47824	Retropharyngeal abscess

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 071	03M,OBSTRUCTIVE LARYNGOTRACHEITIS
46421	Ac laryngotrach w obstr
CADRG 072	03M,NASAL TRAUMA & DEFORMITY
8021	Nasal bone fx-open
CADRG 073	03M,OTHER EAR, NOSE & THROAT DIAGNOSES
01740	TB of ear-unspec
01741	TB of ear-no exam
01742	TB of ear-exam unkn
01743	TB of ear-micro dx
01744	TB of ear-cult dx
01745	TB of ear-histo dx
01746	TB of ear-oth test
11282	Candidal otitis externa
38330	Postmastoid compl NOS
38381	Postauricular fistula
47830	Vocal cord paralysis NOS
47831	Vocal paral unilat part
47832	Vocal paral unilat total
47833	Vocal paral bilat part
47834	Vocal paral bilat total
5273	Salivary gland abscess
5274	Salivary gland fistula
8075	Fx larynx/trachea-closed
8076	Fx larynx/trachea-open
87272	Open wnd ossicles-compl
87273	Opn wnd eustach tb-compl
87274	Open wound cochlea-compl
87333	Open wnd nas sinus-compl
87400	Opn wnd larynx w trachea
87401	Open wound of larynx
87410	Opn wnd lary w trac-comp
87411	Open wound larynx-compl
8745	Open wound pharynx-compl
CADRG 078	04M,PULMONARY EMBOLISM
4151	Pulmon embolism/infarct
67300	Ob air embolism-unspec
67310	Amniotic embolism-unspec

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
67320	Ob pulm embol NOS-unspec
67330	Ob pyemic embol-unspec
67380	Ob pulmon embol NEC-unsp
9580	Air embolism
9581	Fat embolism
9991	Air embol comp med care

CADRG 079 04M,RESPIRATORY INFECTIONS & INFLAMMATIONS

01100	TB lung infiltr-unspec
01101	TB lung infiltr-no exam
01102	TB lung infiltr-exm unkn
01103	TB lung infiltr-micro dx
01104	TB lung infiltr-cult dx
01105	TB lung infiltr-histo dx
01106	TB lung infiltr-oth test
01110	TB lung nodular-unspec
01111	TB lung nodular-no exam
01112	TB lung nodul-exam unkn
01113	TB lung nodular-micro dx
01114	TB lung nodular-cult dx
01115	TB lung nodular-histo dx
01116	TB lung nodular-oth test
01120	TB lung w cavity-unspec
01121	TB lung w cavity-no exam
01122	TB lung cavity-exam unkn
01123	TB lung w cavit-micro dx
01124	TB lung w cavity-cult dx
01125	TB lung w cavit-histo dx
01126	TB lung w cavit-oth test
01130	TB of bronchus-unspec
01131	TB of bronchus-no exam
01132	TB of bronchus-exam unkn
01133	TB of bronchus-micro dx
01134	TB of bronchus-cult dx
01135	TB of bronchus-histo dx
01136	TB of bronchus-oth test
01140	TB lung fibrosis-unspec
01141	TB lung fibrosis-no exam
01142	TB lung fibros-exam unkn
01143	TB lung fibros-micro dx
01144	TB lung fibrosis-cult dx
01145	TB lung fibros-histo dx
01146	TB lung fibros-oth test
01150	TB bronchiectasis-unspec
01151	TB bronchiect-no exam

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
01152	TB bronchiect-exam unkn
01153	TB bronchiect-micro dx
01154	TB bronchiect-cult dx
01155	TB bronchiect-histo dx
01156	TB bronchiect-oth test
01160	TB pneumonia-unspec
01161	TB pneumonia-no exam
01162	TB pneumonia-exam unkn
01163	TB pneumonia-micro dx
01164	TB pneumonia-cult dx
01165	TB pneumonia-histo dx
01166	TB pneumonia-oth test
01170	TB pneumothorax-unspec
01171	TB pneumothorax-no exam
01172	TB pneumothorx-exam unkn
01173	TB pneumothorax-micro dx
01174	TB pneumothorax-cult dx
01175	TB pneumothorax-histo dx
01176	TB pneumothorax-oth test
01180	Pulmonary TB NEC-unspec
01181	Pulmonary TB NEC-no exam
01182	Pulmon TB NEC-exam unkn
01183	Pulmon TB NEC-micro dx
01184	Pulmon TB NEC-cult dx
01185	Pulmon TB NEC-histo dx
01186	Pulmon TB NEC-oth test
01190	Pulmonary TB NOS-unspec
01191	Pulmonary TB NOS-no exam
01192	Pulmon TB NOS-exam unkn
01193	Pulmon TB NOS-micro dx
01194	Pulmon TB NOS-cult dx
01195	Pulmon TB NOS-histo dx
01196	Pulmon TB NOS-oth test
01200	TB pleurisy-unspec
01201	TB pleurisy-no exam
01202	TB pleurisy-exam unkn
01203	TB pleurisy-micro dx
01204	TB pleurisy-cult dx
01205	TB pleurisy-histolog dx
01206	TB pleurisy-oth test
01210	TB thoracic nodes-unspec
01211	TB thorax node-no exam
01212	TB thorax node-exam unkn
01213	TB thorax node-micro dx
01214	TB thorax node-cult dx
01215	TB thorax node-histo dx
01216	TB thorax node-oth test

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
0310	Pulmonary mycobacteria
0521	Varicella pneumonitis
0551	Postmeasles pneumonia
1124	Candidiasis of lung
1140	Primary coccidioidomycos
11505	Histoplasm caps pneumon
11515	Histoplasm dub pneumonia
11595	Histoplasmosis pneumonia
1304	Toxoplasma pneumonitis
1363	Pneumocystosis
4820	K. pneumoniae pneumonia
4821	Pseudomonal pneumonia
4824	Staphylococcal pneumonia
4828	Bacterial pneumonia NEC
4841	Pneum w cytomeg incl dis
4843	Pneumonia in whoop cough
4845	Pneumonia in anthrax
4846	Pneum in aspergillosis
4847	Pneum in oth sys mycoses
4848	Pneum in infect dis NEC
5070	Food/vomit pneumonitis
5071	Oil/essence pneumonitis
5078	Solid/liq pneumonit NEC
5100	Empyema with fistula
5109	Empyema w/o fistula
5111	Bact pleur/effus not TB
5130	Abscess of lung
5131	Abscess of mediastinum
5192	Mediastinitis

CADRG 082 04M,RESPIRATORY NEOPLASMS

1622	Malig neo main bronchus
1623	Mal neo upper lobe lung
1624	Mal neo middle lobe lung
1625	Mal neo lower lobe lung
1628	Mal neo bronch/lung NEC
1629	Mal neo bronch/lung NOS
1630	Mal neo parietal pleura
1631	Mal neo visceral pleura
1638	Malig neopl pleura NEC
1639	Malig neopl pleura NOS
1642	Mal neo ant mediastinum
1643	Mal neo post mediastinum
1648	Mal neo mediastinum NEC
1649	Mal neo mediastinum NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
1970	Secondary malig neo lung
1971	Sec mal neo mediastinum
1972	Second malig neo pleura
1973	Sec malig neo resp NEC

CADRG 083 04M,MAJOR CHEST TRAUMA

80704	Fracture four ribs-close
80705	Fracture five ribs-close
80706	Fracture six ribs-closed
80707	Fracture seven ribs-clos
80708	Fx eight/more rib-closed
80709	Fx mult ribs NOS-closed
80710	Fracture rib NOS-open
80711	Fracture one rib-open
80712	Fracture two ribs-open
80713	Fracture three ribs-open
80714	Fracture four ribs-open
80715	Fracture five ribs-open
80716	Fracture six ribs-open
80717	Fracture seven ribs-open
80718	Fx eight/more ribs-open
80719	Fx mult ribs NOS-open
8072	Fracture of sternum-clos
8073	Fracture of sternum-open
8074	Flail chest
86122	Lung laceration-closed
86132	Lung laceration-open
8621	Diaphragm injury-open
86221	Bronchus injury-closed
86231	Bronchus injury-open
87402	Open wound of trachea
87412	Open wound trachea-compl

CADRG 085 04M,PLEURAL EFFUSION

5118	Pleural effus NEC not TB
5119	Pleural effusion NOS

CADRG 087 04M,PULMONARY EDEMA & RESPIRATORY FAILURE

5061	Fum/vapor ac pulm edema
5184	Acute lung edema NOS
5185	Post traum pulm insuffic

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
51881	Respiratory failure
7991	Respiratory failure

CADRG 088 04M,CHRONIC OBSTRUCTIVE PULMONARY DISEASE

4911	Mucopurul chr bronchitis
4912	Obstruct chr bronchitis
4918	Chronic bronchitis NEC
4919	Chronic bronchitis NOS
4928	Emphysema NEC
494	Bronchiectasis
496	Chr airway obstruct NEC
74861	Congen bronchiectasis

CADRG 089 04M,SIMPLE PNEUMONIA & PLEURISY

481	Pneumococcal pneumonia
4822	H.influenzae pneumonia
4823	Streptococcal pneumonia
4829	Bacterial pneumonia NOS
483	Pneumonia: organism NEC
485	Broncopneumonia org NOS
486	Pneumonia, organism NOS
4870	Influenza with pneumonia

CADRG 092 04M,INTERSTITIAL LUNG DISEASE

135	Sarcoidosis
1370	Late effect tb, resp/nos
4950	Farmers' lung
4951	Bagassosis
4952	Bird-fanciers' lung
4953	Suberosis
4954	Malt workers' lung
4955	Mushroom workers' lung
4956	Mapl bark-stripprs' lung
4957	"ventilation" pneumonit
4958	Allerg alveol/pneum NEC
4959	Allerg alveol/pneum NOS
500	Coal workers' pneumocon
501	Asbestosis
502	Silica pneumocon NEC
503	Inorg dust pneumocon NEC
504	Dust pneumonopathy NEC

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
505	Pneumoconiosis NOS
5081	Chr pul manif d/t radiat
515	Postinflam pulm fibrosis
5160	Pul alveolar proteinosis
5161	Idio pulm hemosiderosis
5162	Pulm alveolar microlith
5163	Idio fibros alveolitis
5168	Alveol pneumonopathy NEC
5169	Alveol pneumonopathy NOS
5171	Rheumatic pneumonia
5172	Syst sclerosis lung dis
5178	Lung involv in oth dis

CADRG 094 04M,PNEUMOTHORAX

5120	Spont tens pneumothorax
5128	Spont pneumothorax NEC
5181	Interstitial emphysema
8600	Traum pneumothorax-close
8601	Traum pneumothorax-open
8602	Traum hemothorax-closed
8603	Traum hemothorax-open
8604	Traum pneumohemothor-cl
8605	Traum pneumohemothor-opn
9587	Traum subcutan emphysema

CADRG 096 04M,BRONCHITIS & ASTHMA

46411	Ac tracheitis w obstruct
49301	Ext asthma w status asth
49311	Int asthma w status asth
49391	Asthma w status asthmat

CADRG 099 04M,HEMOPTYSIS

51882	Other pulmonary insuff
7863	Hemoptysis

CADRG 101A 04M,(A) OTHER RESPIRATORY SYSTEM DIAGNOSES

5180	Pulmonary collapse
5190	Tracheostomy complic
99684	Compl lung transpl

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
9973	Surg complic-respir syst

CADRG 101B 04M,(B) OTHER RESPIRATORY SYSTEM DIAGNOSES

V426	Lung transplant status
5060	Fum/vapor bronc/pneumon
5080	Ac pul manif d/t radiat
7484	Congenital cystic lung
7485	Agenesis of lung
86130	Lung injury NOS-open
86131	Lung contusion-open
86229	Intrathoracic inj NEC-cl
86239	Intrathorac inj NEC-open

CADRG 121 05M,ACUTE MYOCARDIAL INFARCTION

4100	Ami anterolateral wall
4101	Ami anterior wall NEC
4102	Ami inferolateral wall
4103	Ami inferoposterior wall
4104	Ami inferior wall NEC
4105	Ami lateral wall NEC
4106	True posterior infarct
4107	Subendocardial infarct
4108	Myocardial infarct NEC
4109	Myocardial infarct NOS

CADRG 126 05M,ACUTE & SUBACUTE ENDOCARDITIS

03642	Meningococc endocarditis
09320	Syphil endocarditis NOS
11281	Candidal endocarditis
11504	Histoplasm caps endocard
11514	Histoplasm dub endocard
11594	Histoplasmosis endocard
4210	Ac/subac bact endocard
4211	Ac endocardit in oth dis
4219	Ac/subac endocardit NOS

CADRG 127 05M,HEART FAILURE & SHOCK

39891	Rheumatic heart failure
40201	Mal hypert hrt dis w chf

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
40211	Benign hyp hrt dis w chf
40291	Hyperten heart dis w chf
4280	Congestive heart failure
4281	Left heart failure
4289	Heart failure NOS
78550	Shock NOS
78551	Cardiogenic shock
78559	Shock w/o trauma NEC

CADRG 128 05M,DEEP VEIN THROMBOPHLEBITIS

45111	Femoral vein phlebitis
45119	Deep phlebitis-leg NEC
4512	Thrombophlebitis leg NOS
45181	Iliac thrombophlebitis
4532	Vena cava thrombosis
67130	Deep thromb antepar-unsp
67140	Deep thromb postpar-unsp

CADRG 129 05M,CARDIAC ARREST, UNEXPLAINED

4275	Cardiac arrest

CADRG 130 05M,PERIPHERAL VASCULAR DISORDERS

25070	Diab circulat dis adult
25071	Diab circulat dis juven
4411	Ruptur thoracic aneurysm
4413	Rupt abd aortic aneurysm
4415	Rupt aortic aneurysm NOS
4440	Abd aortic embolism
4441	Thoracic aortic embolism
44421	Upper extremity embolism
44422	Lower extremity embolism
44481	Iliac artery embolism
44489	Arterial embolism NEC
4449	Arterial embolism NOS
4470	Acq arterioven fistula
4480	Heredit hemorr telangiec
4510	Superfic phlebitis-leg
4531	Thrombophlebitis migrans
7854	Gangrene
9972	Surg comp-peri vasc syst

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 134	**05M,MALIGNANT HYPERTENSION**
4010	Malignant hypertension
40200	Mal hyperten hrt dis NOS
4040	Mal hypert hrt/renal dis
40501	Mal renovasc hypertens
40509	Mal second hyperten NEC
CADRG 135	**05M,CARDIAC CONGENITAL & VALVULAR DISORDERS**
0930	Aortic aneurysm, syphil
0931	Syphilitic aortitis
09321	Syphilitic mitral valve
09322	Syphilitic aortic valve
09323	Syphil tricuspid valve
09324	Syphil pulmonary valve
3940	Mitral stenosis
3941	Rheumatic mitral insuff
3942	Mitral stenosis w insuff
3949	Mitral valve dis NEC/NOS
3950	Rheumat aortic stenosis
3951	Rheumatic aortic insuff
3952	Rheum aortic sten/insuff
3959	Rheum aortic dis NEC/NOS
3960	Mitral/aortic stenosis
3961	Mitral stenos/aort insuf
3962	Mitral insuf/aort stenos
3963	Mitral/aortic val insuff
3968	Mitr/aortic mult involv
3969	Mitral/aortic v dis NOS
3970	Tricuspid valve disease
3971	Rheum pulmon valve dis
3979	Rheum endocarditis NOS
4240	Mitral valve disorder
4241	Aortic valve disorder
4242	Nonrheum tricusp val dis
4243	Pulmonary valve disorder
42490	Endocarditis NOS
42491	Endocarditis in oth dis
42499	Endocarditis NEC
4295	Chordae tendinae rupture
4296	Papillary muscle rupture
42981	Papillary muscle dis NEC
64850	Congen cv dis preg-unsp
7450	Common truncus

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
74510	Compl transpos great ves
74511	Double outlet rt ventric
74512	Correct transpos grt ves
74519	Transpos great vess NEC
7452	Tetralogy of fallot
7453	Common ventricle
7454	Ventricular sept defect
74560	Endocard cushion def NOS
74569	Endocard cushion def NEC
7457	Cor biloculare
74601	Cong pulmon valv atresia
74602	Cong pulmon valve stenos
7461	Cong tricusp atres/sten
7462	Ebstein's anomaly
7463	Cong aorta valv stenosis
7464	Cong aorta valv insuffic
7465	Congen mitral stenosis
7466	Cong mitral insufficienc
7467	Hypoplas left heart synd
74681	Cong subaortic stenosis
74682	Cor triatriatum
74683	Infundib pulmon stenosis
74684	Obstruct heart anom NEC
74710	Coarctation of aorta
74711	Interrupt of aortic arch
74722	Aortic atresia/stenosis
99602	Malfunc prosth hrt valve

CADRG 138 05M,CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS

4260	Atriovent block complete
42610	Atriovent block NOS
42611	Atriovent block-1st degr
42612	Atrioven block-mobitz ii
42613	Av block-2nd degree NEC
4262	Left bb hemiblock
4263	Left bb block NEC
4264	Rt bundle branch block
42650	Bundle branch block NOS
42651	Rt bbb/lft post fasc blk
42652	Rt bbb/lft ant fasc blk
42653	Bilat bb block NEC
42654	Trifascicular block
4266	Other heart block
4267	Anomalous av excitation
42681	Lown-ganong-levine synd

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
42689	Conduction disorder NEC
4269	Conduction disorder NOS
4270	Parox atrial tachycardia
4271	Parox ventric tachycard
4272	Parox tachycardia NOS
42731	Atrial fibrillation
42732	Atrial flutter
42741	Ventricular fibrillation
42742	Ventricular flutter
74686	Congenital heart block
99601	Malfunc cardiac pacemake

CADRG 140 05M,ANGINA PECTORIS

4111	Intermed coronary synd
4118	Ac ischemic hrt dis NEC
4130	Angina decubitus
4131	Prinzmetal angina
4139	Angina pectoris NEC/NOS

CADRG 144A 05M,(A) OTHER CIRCULATORY SYSTEM DIAGNOSES

4150	Acute cor pulmonale
42099	Acute pericarditis NEC
4230	Hemopericardium
4231	Adhesive pericarditis
4232	Constrictiv pericarditis
4257	Metabolic cardiomyopathy
9961	Malfunc vasc device/graf
99683	Compl heart transpl
9971	Surg compl-heart
9992	Vasc comp med care NEC

CADRG 144B 05M,(B) OTHER CIRCULATORY SYSTEM DIAGNOSES

V421	Heart transplant status
V422	Heart valve transplant
V432	Heart replacement NEC
03640	Meningococc carditis NOS
03641	Meningococc pericarditis
03643	Meningococc myocarditis
0860	Chagas disease of heart
09381	Syphilitic pericarditis
09382	Syphilitic myocarditis

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
09389	Cardiovascular syph NEC
0939	Cardiovascular syph NOS
11503	Histoplasm caps pericard
11513	Histoplasm dub pericard
11593	Histoplasmosis pericard
1303	Toxoplasma myocarditis
1641	Malignant neopl heart
3980	Rheumatic myocarditis
4110	Post MI syndrome
4160	Prim pulm hypertension
4200	Ac pericardit in oth dis
42090	Acute pericarditis NOS
42091	Ac idiopath pericarditis
4220	Ac myocardit in oth dis
42290	Acute myocarditis NOS
42291	Idiopathic myocarditis
42292	Septic myocarditis
42293	Toxic myocarditis
42299	Acute myocarditis NEC
4250	Endomyocardial fibrosis
4251	Hypertr obstr cardiomyop
4252	Obsc afric cardiomyopath
4253	Endocard fibroelastosis
4254	Prim cardiomyopathy NEC
4255	Alcoholic cardiomyopathy
4258	Cardiomyopath in oth dis
4259	Second cardiomyopath NOS
4290	Myocarditis NOS
4294	Hrt dis postcardiac surg
42982	Hyperkinetic heart dis
4410	Dissecting aneurysm
4590	Hemorrhage NOS
64860	CV diseases NEC preg-uns
86101	Heart contusion-closed
86102	Heart laceration-closed
86103	Heart chamber lacerat-cl
86110	Heart injury NOS-open
86111	Heart contusion-open
86112	Heart laceration-open
86113	Heart chamber lacer-opn
99600	Malfunc card dev/grf NOS
99603	Malfunc coron bypass grf
99609	Malfunc card dev/grf NEC

CADRG 172 06M,DIGESTIVE MALIGNANCY

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
1500	Mal neo cervical esophag
1501	Mal neo thoracic esophag
1502	Mal neo abdomin esophag
1503	Mal neo upper 3rd esoph
1504	Mal neo middle 3rd esoph
1505	Mal neo lower 3rd esoph
1508	Mal neo esophagus NEC
1509	Mal neo esophagus NOS
1510	Mal neo stomach cardia
1511	Malignant neo pylorus
1512	Mal neo pyloric antrum
1513	Mal neo stomach fundus
1514	Mal neo stomach body
1515	Mal neo stom lesser curv
1516	Mal neo stom great curv
1518	Malig neopl stomach NEC
1519	Malig neopl stomach NOS
1520	Malignant neopl duodenum
1521	Malignant neopl jejunum
1522	Malignant neoplasm ileum
1523	Mal neo meckel's divert
1528	Mal neo small bowel NEC
1529	Mal neo small bowel NOS
1530	Mal neo hepatic flexure
1531	Mal neo transverse colon
1532	Mal neo descend colon
1533	Mal neo sigmoid colon
1534	Malignant neoplasm cecum
1535	Malignant neo appendix
1536	Malig neo ascend colon
1537	Mal neo splenic flexure
1538	Malignant neo colon NEC
1539	Malignant neo colon NOS
1540	Mal neo rectosigmoid jct
1541	Malignant neopl rectum
1542	Malig neopl anal canal
1543	Malignant neo anus NOS
1548	Mal neo rectum/anus NEC
1974	Sec malig neo sm bowel
1975	Sec malig neo lg bowel
1976	Sec mal neo peritoneum
1978	Sec mal neo GI NEC

CADRG 174 06M,G.I. HEMORRHAGE
4560 Esophag varices w bleed

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
5307	Mallory-weiss syndrome
53100	Ac stomach ulcer w hem
53101	Ac stomac ulc w hem-obst
53120	Ac stomac ulc w hem/perf
53121	Ac stom ulc hem/perf-obs
53140	Chr stomach ulc w hem
53141	Chr stom ulc w hem-obstr
53160	Chr stomach ulc hem/perf
53161	Chr stom ulc hem/perf-ob
53200	Ac duodenal ulcer w hem
53201	Ac duoden ulc w hem-obst
53220	Ac duoden ulc w hem/perf
53221	Ac duod ulc hem/perf-obs
53240	Chr duoden ulcer w hem
53241	Chr duoden ulc hem-obstr
53260	Chr duoden ulc hem/perf
53261	Chr duod ulc hem/perf-ob
53300	Ac peptic ulcer w hemorr
53301	Ac peptic ulc w hem-obst
53320	Ac peptic ulc w hem/perf
53321	Ac pept ulc hem/perf-obs
53340	Chr peptic ulcer w hem
53341	Chr peptic ulc w hem-obs
53360	Chr pept ulc w hem/perf
53361	Chr pept ulc hem/perf-ob
53400	Ac marginal ulcer w hem
53401	Ac margin ulc w hem-obst
53420	Ac margin ulc w hem/perf
53421	Ac marg ulc hem/perf-obs
53440	Chr marginal ulcer w hem
53441	Chr margin ulc w hem-obs
53460	Chr margin ulc hem/perf
53461	Chr marg ulc hem/perf-ob
5693	Rectal & anal hemorrhage
5780	Hematemesis
5781	Melena
5789	Gastrointest hemorr NOS

CADRG 176 06M,COMPLICATED PEPTIC ULCER

53110	Ac stomach ulcer w perf
53111	Ac stom ulc w perf-obst
53131	Ac stomach ulc NOS-obstr
53150	Chr stomach ulcer w perf
53151	Chr stom ulc w perf-obst
53171	Chr stomach ulc NOS-obst

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
53191	Stomach ulcer NOS-obstr
53210	Ac duodenal ulcer w perf
53211	Ac duoden ulc perf-obstr
53231	Ac duodenal ulc NOS-obst
53250	Chr duoden ulcer w perf
53251	Chr duoden ulc perf-obst
53271	Chr duoden ulc NOS-obstr
53291	Duodenal ulcer NOS-obstr
53310	Ac peptic ulcer w perfor
53311	Ac peptic ulc w perf-obs
53331	Ac peptic ulcer NOS-obst
53350	Chr peptic ulcer w perf
53351	Chr peptic ulc perf-obst
53371	Chr peptic ulcer NOS-obs
53391	Peptic ulcer NOS-obstruc
53410	Ac marginal ulcer w perf
53411	Ac margin ulc w perf-obs
53431	Ac marginal ulc NOS-obst
53450	Chr marginal ulc w perf
53451	Chr margin ulc perf-obst
53471	Chr marginal ulc NOS-obs
53491	Gastrojejun ulc NOS-obst
5370	Acq pyloric stenosis
5373	Duodenal obstruction NEC

CADRG 180 06M,G.I. OBSTRUCTION

5600	Intussusception
5601	Paralytic ileus
5602	Volvulus of intestine
56030	Impaction intestine NOS
56031	Gallstone ileus
56039	Impaction intestine NEC
56081	Intestinal adhes w obstr
56089	Intestinal obstruct NEC
5609	Intestinal obstruct NOS

CADRG 182 06M,ESOPHAGITIS, GASTROENT & MISC DIGEST DISORD

5304	Perforation of esophagus
5350	Acute gastritis
5361	Ac dilation of stomach
5374	Gastric/duodenal fistula
5523	Diaphragm hernia w obstr
5793	Intest postop nonabsorb

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 185	06M,DENTAL & ORAL DIS
5283	Cellulitis/abscess mouth
80220	Mandible fx NOS-closed
80221	Fx condyl proc mandib-cl
80222	Subcondylar fx mandib-cl
80223	Fx coron proc mandib-cl
80224	Fx ramus NOS-closed
80225	Fx angle of jaw-closed
80226	Fx symphy mandib body-cl
80227	Fx alveolar bord mand-cl
80228	Fx mandible body NEC-cl
80229	Mult fx mandible-closed
80230	Mandible fx NOS-open
80231	Fx condyl proc mand-open
80232	Subcondyl fx mandib-open
80233	Fx coron proc mandib-opn
80234	Fx ramus NOS-open
80235	Fx angle of jaw-open
80236	Fx symphy mandib bdy-opn
80237	Fx alv bord mand bdy-opn
80238	Fx mandible body NEC-opn
80239	Mult fx mandible-open
8024	Fx malar/maxillary-close
8025	Fx malar/maxillary-open
CADRG 188A	06M,(A) OTHER DIGESTIVE SYSTEM DIAGNOSES
01400	TB peritonitis-unspec
01402	TB peritonitis-exam unkn
01403	TB peritonitis-micro dx
01404	TB peritonitis-cult dx
01405	TB peritonitis-histo dx
45620	Bleed esoph var oth dis
5400	Ac append w peritonitis
5570	Ac vasc insuff intestine
5670	Peritonitis in infec dis
5671	Pneumococcal peritonitis
5672	Suppurat peritonitis NEC
5678	Peritonitis NEC
5679	Peritonitis NOS
5696	Enterostomy malfunction
56983	Perforation of intestine
9974	Surg complic-gi tract

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 188B	06M,(B) OTHER DIGESTIVE SYSTEM DIAGNOSES
01401	TB peritonitis-no exam
01406	TB peritonitis-oth test
01480	Intestinal TB NEC-unspec
01481	Intestin TB NEC-no exam
01482	Intest TB NEC-exam unkn
01483	Intestin TB NEC-micro dx
01484	Intestin TB NEC-cult dx
01485	Intestin TB NEC-histo dx
01486	Intestin TB NEC-oth test
01780	TB esophagus-unspec
01781	TB esophagus-no exam
01782	TB esophagus-exam unkn
01783	TB esophagus-micro dx
01784	TB esophagus-cult dx
01785	TB esophagus-histo dx
01786	TB esophagus-oth test
05471	Visceral herpes simplex
5401	Abscess of appendix
5409	Acute appendicitis NOS
55000	Unilat ing hernia w gang
55001	Recur unil ing hern-gang
55002	Bilat ing hernia w gang
55003	Recur bil ing hern-gang
55010	Unilat ing hernia w obst
55011	Recur unil ing hern-obst
55012	Bilat ing hernia w obst
55013	Recur bil ing hern-obstr
55100	Unil femoral hern w gang
55101	Rec unil fem hern w gang
55102	Bilat fem hern w gang
55103	Recur bil fem hern-gang
5511	Umbilical hernia w gangr
55120	Gangr ventral hernia NOS
55121	Gangr incisional hernia
55129	Gang ventral hernia NEC
5513	Diaphragm hernia w gangr
5518	Hernia, site NEC w gangr
5519	Hernia, site NOS w gangr
55200	Unil femoral hern w obst
55201	Rec unil fem hern w obst
55202	Bil femoral hern w obstr
55203	Rec bil fem hern w obstr
5521	Umbilical hernia w obstr

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
55220	Obstr ventral hernia NOS
55221	Obstr incisional hernia
55229	Obstr ventral hernia NEC
5528	Hernia, site NEC w obstr
5529	Hernia, site NOS w obstr
5581	Radiation gastroenterit
5582	Toxic gastroenteritis
566	Anal & rectal abscess
56881	Hemoperitoneum
5695	Intestinal abscess
6191	Digest-genit fistul, fem
86222	Esophagus injury-closed
86232	Esophagus injury-open
8631	Stomach injury-open
86330	Small intest inj NOS-opn
86331	Duodenum injury-open
86339	Small intest inj NEC-opn
86350	Colon injury NOS-open
86351	Ascending colon inj-open
86352	Transverse colon inj-opn
86353	Descending colon inj-opn
86354	Sigmoid colon inj-open
86355	Rectum injury-open
86356	Colon inj mult site-open
86359	Colon injury NEC-open
86390	GI injury NOS-open
86395	Appendix injury-open
86399	GI injury NEC-open
86800	Intra-abdom inj NOS-clos
86803	Peritoneum injury-closed
86810	Intra-abdom inj NOS-open
86813	Peritoneum injury-open

CADRG 202 07M,CIRRHOSIS & ALCOHOLIC HEPATITIS

5711	Ac alcoholic hepatitis
5712	Alcohol cirrhosis liver
5715	Cirrhosis of liver NOS
5716	Biliary cirrhosis

CADRG 203 07M,MALIG OF HEPATOBILIARY SYSTEM OR PANCREAS

1550	Mal neo liver, primary
1551	Mal neo intrahepat ducts
1552	Malignant neo liver NOS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
1560	Malig neo gallbladder
1561	Mal neo extrahepat ducts
1562	Mal neo ampulla of vater
1568	Malig neo biliary NEC
1569	Malig neo biliary NOS
1570	Mal neo pancreas head
1571	Mal neo pancreas body
1572	Mal neo pancreas tail
1573	Mal neo pancreatic duct
1574	Mal neo islet langerhans
1578	Malig neo pancreas NEC
1579	Malig neo pancreas NOS
1977	Second malig neo liver

CADRG 204 07M,DISORDERS OF PANCREAS EXCEPT MALIGNANCY

0723	Mumps pancreatitis
5770	Acute pancreatitis
5772	Pancreat cyst/pseudocyst
86391	Pancreas, head inj-open
86392	Pancreas, body inj-open
86393	Pancreas, tail inj-open
86394	Pancreas injury NOS-open
99686	Compl pancreas transpl

CADRG 205 07M,DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA

V427	Liver transplant status
V428	Transplant status NEC
0702	Hepatitis B with coma
0703	Hepatitis B w/o coma
0704	Viral hepat NEC w coma
0705	Viral hepat NEC w/o coma
0706	Viral hepat NOS w coma
0709	Viral hepat NOS w/o coma
07271	Mumps hepatitis
1305	Toxoplasma hepatitis
452	Portal vein thrombosis
4530	Budd-chiari syndrome
570	Acute necrosis of liver
57149	Chronic hepatitis NEC
5720	Abscess of liver
5721	Portal pyemia
5722	Hepatic coma
5724	Hepatorenal syndrome

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
5731	Hepatitis in viral dis
5732	Hepatitis in oth inf dis
5733	Hepatitis NOS
5734	Hepatic infarction
64670	Liver dis in preg-unspec
86400	Liver injury NOS-closed
86401	Liver hematoma/contusion
86402	Liver laceration, minor
86403	Liver laceration, mod
86404	Liver laceration, major
86409	Liver injury NEC-closed
86410	Liver injury NOS-open
86411	Liver hematom/contus-opn
86412	Liver lacerat, minor-opn
86413	Liver lacerat, mod-open
86414	Liver lacerat, major-opn
86419	Liver injury NEC-open
99682	Compl liver transpl

CADRG 207 07M,DISORDERS OF THE BILIARY TRACT

57400	Cholelith w ac cholecyst
57401	Cholelith/ac gb inf-obst
57410	Cholelith w cholecys NEC
57411	Cholelith/gb inf NEC-obs
57421	Cholelithias NOS w obstr
57430	Choledocholith/ac gb inf
57431	Choledochlith/ac gb-obst
57440	Choledochlith/gb inf NEC
57441	Choledochlith/gb NEC-obs
57450	Choledocholithiasis NOS
57451	Choledochlith NOS w obst
5750	Acute cholecystitis
5752	Obstruction gallbladder
5753	Hydrops of gallbladder
5754	Perforation gallbladder
5755	Fistula of gallbladder
5756	Gb cholesterolosis
5758	Dis of gallbladder NEC
5761	Cholangitis
5763	Perforation of bile duct
5764	Fistula of bile duct
86802	Biliary tract injury-cl
86812	Biliary tract injury-opn

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 235	08M,FRACTURES OF FEMUR
82100	Fx femur NOS-closed
82101	Fx femur shaft-closed
82110	Fx femur NOS-open
82111	Fx femur shaft-open
CADRG 236	08M,FRACTURES OF HIP & PELVIS
8080	Fracture acetabulum-clos
8081	Fracture acetabulum-open
8082	Fracture of pubis-closed
8083	Fracture of pubis-open
80843	Pelv fx-clos/pelv disrup
80849	Pelvic fracture NEC-clos
80851	Fracture of ilium-open
80852	Fracture of ischium-open
80853	Pelv fx-open/pelv disrup
80859	Pelvic fracture NEC-open
8088	Pelvic fracture NOS-clos
8089	Pelvic fracture NOS-open
82000	Fx femur intrcaps NOS-cl
82001	Fx up femur epiphy-clos
82002	Fx femur, midcervic-clos
82003	Fx base femoral nck-clos
82009	Fx femur intrcaps NEC-cl
82010	Fx femur intrcap NOS-opn
82011	Fx up femur epiphy-open
82012	Fx femur, midcervic-open
82013	Fx base femoral nck-open
82019	Fx femur intrcap NEC-opn
82020	Trochanteric fx NOS-clos
82021	Intertrochanteric fx-cl
82022	Subtrochanteric fx-close
82030	Trochanteric fx NOS-open
82031	Intertrochanteric fx-opn
82032	Subtrochanteric fx-open
8208	Fx neck of femur NOS-cl
8209	Fx neck of femur NOS-opn
CADRG 238	08M,OSTEOMYELITIS
73000	Ac osteomyelitis-unspec
73001	Ac osteomyelitis-shlder
73002	Ac osteomyelitis-up/arm

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
73003	Ac osteomyelitis-forearm
73004	Ac osteomyelitis-hand
73005	Ac osteomyelitis-pelvis
73006	Ac osteomyelitis-l/leg
73007	Ac osteomyelitis-ankle
73008	Ac osteomyelitis NEC
73009	Ac osteomyelitis-mult
73080	Bone infect NEC-unspec
73081	Bone infect NEC-shlder
73082	Bone infect NEC-up/arm
73083	Bone infect NEC-forearm
73084	Bone infect NEC-hand
73085	Bone infect NEC-pelvis
73086	Bone infect NEC-l/leg
73087	Bone infect NEC-ankle
73088	Bone infect NEC-oth site
73089	Bone infect NEC-mult
73090	Bone infec NOS-unsp site
73091	Bone infect NOS-shlder
73092	Bone infect NOS-up/arm
73093	Bone infect NOS-forearm
73094	Bone infect NOS-hand
73095	Bone infect NOS-pelvis
73096	Bone infect NOS-l/leg
73097	Bone infect NOS-ankle
73098	Bone infect NOS-oth site
73099	Bone infect NOS-mult

CADRG 239 08M,PATHOLOGICAL FRAC & MUSCULO & CONN TISS MALIG

1985	Secondary malig neo bone
4463	Lethal midline granuloma
4464	Wegener's granulomatosis
7331	Pathological fracture

CADRG 240 08M,CONNECTIVE TISSUE DISORDERS

2794	Autoimmune disease NEC
4460	Polyarteritis nodosa
4462	Hypersensitiv angiitis
4465	Giant cell arteritis
4466	Thrombot microangiopathy
4467	Takayasu's disease
7100	Syst lupus erythematosus
7101	Systemic sclerosis

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
7103	Dermatomyositis
7104	Polymyositis
7108	Diff connect tis dis NEC
7141	Felty's syndrome
7142	Syst rheum arthritis NEC
71430	Juv rheum arthritis NOS
71431	Polyart juv rheum arthr
71432	Pauciart juv rheum arthr
71433	Monoart juv rheum arthr

CADRG 242 08M,SEPTIC ARTHRITIS

03682	Meningococc arthropathy
71100	Pyogen arthritis-unspec
71101	Pyogen arthritis-shlder
71102	Pyogen arthritis-up/arm
71103	Pyogen arthritis-forearm
71104	Pyogen arthritis-hand
71105	Pyogen arthritis-pelvis
71106	Pyogen arthritis-l/leg
71107	Pyogen arthritis-ankle
71108	Pyogen arthritis NEC
71109	Pyogen arthritis-mult
71160	Mycotic arthritis-unspec
71161	Mycotic arthritis-shlder
71162	Mycotic arthritis-up/arm
71163	Mycotic arthrit-forearm
71164	Mycotic arthritis-hand
71165	Mycotic arthritis-pelvis
71166	Mycotic arthritis-l/leg
71167	Mycotic arthritis-ankle
71168	Mycotic arthritis NEC
71169	Mycotic arthritis-mult

CADRG 243 08M,MEDICAL BACK PROBLEMS

72280	Postlaminectomy synd NOS
72281	Postlaminect synd-cerv
72282	Postlaminect synd-thorac
72283	Postlaminect synd-lumbar
7235	Torticollis NOS
80500	Fx cervical vert NOS-cl
80501	Fx c1 vertebra-closed
80502	Fx c2 vertebra-closed
80503	Fx c3 vertebra-closed

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
80504	Fx c4 vertebra-closed
80505	Fx c5 vertebra-closed
80506	Fx c6 vertebra-closed
80507	Fx c7 vertebra-closed
80508	Fx mult cervical vert-cl
80510	Fx cervical vert NOS-opn
80511	Fx c1 vertebra-open
80512	Fx c2 vertebra-open
80513	Fx c3 vertebra-open
80514	Fx c4 vertebra-open
80515	Fx c5 vertebra-open
80516	Fx c6 vertebra-open
80517	Fx c7 vertebra-open
80518	Fx mlt cervical vert-opn
8052	Fx dorsal vertebra-close
8053	Fx dorsal vertebra-open
8054	Fx lumbar vertebra-close
8055	Fx lumbar vertebra-open
8056	Fx sacrum/coccyx-closed
8057	Fx sacrum/coccyx-open
8058	Vertebral fx NOS-closed
8059	Vertebral fx NOS-open
83900	Disloc cerv vert NOS-cl
83901	Disloc 1st cerv vert-cl
83902	Disloc 2nd cerv vert-cl
83903	Disloc 3rd cerv vert-cl
83904	Disloc 4th cerv vert-cl
83905	Disloc 5th cerv vert-cl
83906	Disloc 6th cerv vert-cl
83907	Disloc 7th cerv vert-cl
83908	Disloc mult cerv vert-cl
83910	Disloc cerv vert NOS-opn
83911	Disloc 1st cerv vert-opn
83912	Disloc 2nd cerv vert-opn
83913	Disloc 3rd cerv vert-opn
83914	Disloc 4th cerv vert-opn
83915	Disloc 5th cerv vert-opn
83916	Disloc 6th cerv vert-opn
83917	Disloc 7th cerv vert-opn
83918	Disloc mlt cerv vert-opn

CADRG 244 08M,BONE DISEASES & SPECIFIC ARTHROPATHIES
05671 Arthritis due to rubella

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 248	08M,TENDONITIS, MYOSITIS & BURSITIS
7280	Infective myositis
CADRG 249	08M,AFTERCARE, MUSCULOSKELETAL SYSTEM & CONN TISS
9964	Malf int orthped dev/grf
99690	Comp reattach extrem NOS
99691	Compl reattached forearm
99692	Compl reattached hand
99693	Compl reattached finger
99694	Compl reattached arm NEC
99695	Compl reattached foot
99696	Compl reattached leg NEC
99699	Compl reattach part NEC
CADRG 250	08M,OPEN DISLOCATION OF FOOT
83819	Dislocat foot NEC-open
CADRG 256A	08M,(A) OTHER MUSCULOSKE SYSTEM & CONN TISS DIAG
99762	Infection amputat stump
CADRG 256B	08M,(B) OTHER MUSCULOSKE SYSTEM & CONN TISS DIAG
8028	Fx facial bone NEC-close
8029	Fx facial bone NEC-open
CADRG 271	09M,SKIN ULCERS
7070	Decubitus ulcer
7071	Chronic ulcer of leg
CADRG 272	09M,MAJOR SKIN DISORDERS
6944	Pemphigus
6945	Pemphigoid
6950	Toxic erythema

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 274	09M,MALIGNANT BREAST DISORDERS
1982	Secondary malig neo skin
19881	Second malig neo breast
CADRG 276	09M,NON-MALIGANT BREAST DISORDERS
61172	Lump or mass in breast
67510	Breast abscess preg-unsp
CADRG 277	09M,CELLULITIS
4572	Lymphangitis
6800	Carbuncle of face
6801	Carbuncle of neck
6802	Carbuncle of trunk
6803	Carbuncle of arm
6804	Carbuncle of hand
6805	Carbuncle of buttock
6806	Carbuncle of leg
6807	Carbuncle of foot
6808	Carbuncle, site NEC
6809	Carbuncle NOS
6820	Cellulitis of face
6821	Cellulitis of neck
6822	Cellulitis of trunk
6823	Cellulitis of arm
6824	Cellulitis of hand
6825	Cellulitis of buttock
6826	Cellulitis of leg
6827	Cellulitis of foot
6828	Cellulitis, site NEC
6829	Cellulitis NOS
684	Impetigo
6850	Pilonidal cyst w abscess
CADRG 280	09M,TRAUMA TO THE SKIN, SUBCUT TISS & BREAST
8739	Open wnd head NEC-compl
8750	Open wound of chest
CADRG 283	09M,MINOR SKIN DISORDERS

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
7080	Allergic urticaria

CADRG 294 10M,DIABETES

25001	Diabetes uncompl juven
25010	Diab ketoacidosis adult
25011	Diab ketoacidosis juven
25020	Diab hyperosm coma adult
25021	Diab hyperosm coma juven
25030	Diabetes coma NEC adult
25031	Diabetes coma NEC juven
25080	Diab w manif NEC adult
25081	Diab w manif NEC juven
25090	Diab w compl NOS adult
25091	Diab w compl NOS juven

CADRG 296 10M,NUTRITIONAL & MISC METABOLIC DISORDERS

2510	Hypoglycemic coma
2513	Postsurg hypoinsulinemia
260	Kwashiorkor
261	Nutritional marasmus
262	Oth severe malnutrition
2630	Malnutrition mod degree
2631	Malnutrition mild degree
2632	Arrest devel d/t malnutr
2638	Protein-cal malnutr NEC
2639	Protein-cal malnutr NOS
2690	Deficiency of vitamin k
2760	Hyperosmolality
2761	Hyposmolality
2762	Acidosis
2763	Alkalosis
2764	Mixed acid-base bal dis
2766	Fluid overload
2767	Hyperpotassemia
2768	Hypopotassemia
2769	Electrolyt/fluid dis NEC
27700	Cystic fibros w/o ileus
7817	Tetany

CADRG 296A 10M,HYPOVOLEMIA

2765	Hypovolemia

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 300	10M,ENDOCRINE DISORDERS
01750	TB of thyroid-unspec
01751	TB of thyroid-no exam
01752	TB of thyroid-exam unkn
01753	TB of thyroid-micro dx
01754	TB of thyroid-cult dx
01755	TB of thyroid-histo dx
01756	TB of thyroid-oth test
01760	TB of adrenal-unspec
01761	TB of adrenal-no exam
01762	TB of adrenal-exam unkn
01763	TB of adrenal-micro dx
01764	TB of adrenal-cult dx
01765	TB of adrenal-histo dx
01766	TB of adrenal-oth test
1987	Second malig neo adrenal
24200	Tox dif goiter no crisis
24201	Tox dif goiter w crisis
24210	Tox uninod goit no cris
24211	Tox uninod goit w crisis
24220	Tox multnod goit no cris
24221	Tox multnod goit w cris
24230	Tox nod goiter no crisis
24231	Tox nod goiter w crisis
24240	Thyrotox-ect nod no cris
24241	Thyrotox-ect nod w cris
24280	Thyrtox orig NEC no cris
24281	Thyrotox orig NEC w cris
24290	Thyrotox NOS no crisis
24291	Thyrotox NOS w crisis
2521	Hypoparathyroidism
2532	Panhypopituitarism
2535	Diabetes insipidus
2550	Cushing's syndrome
2553	Corticoadren overact NEC
2554	Corticoadrenal insuffic
2555	Adrenal hypofunction NEC
2556	Medulloadrenal hyperfunc
2580	Wermer's syndrome
2581	Comb endocr dysfunct NEC
2588	Polyglandul dysfunc NEC
2589	Polyglandul dysfunc NOS
2592	Carcinoid syndrome
86801	Adrenal gland injury-cl

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
86811	Adrenal gland injury-opn
8743	Open wound thyroid-compl

CADRG 316 11M,RENAL FAILURE

5845	Lower nephron nephrosis
5846	Ac renal fail, cort necr
5847	Ac ren fail, medull necr
5848	Ac renal failure NEC
5849	Acute renal failure NOS
9585	Traumatic anuria

CADRG 316A 11M,CHRONIC RENAL FAILURE

585	Chronic renal failure

CADRG 318 11M,KIDNEY & URINARY TRACT NEOPLASMS

1890	Malig neopl kidney
1891	Malig neo renal pelvis
1892	Malign neopl ureter
1980	Second malig neo kidney
1981	Sec malig neo urin NEC

CADRG 320 11M,KIDNEY & URINARY TRACT INFECTIONS

01600	TB of kidney-unspec
01601	TB of kidney-no exam
01602	TB of kidney-exam unkn
01603	TB of kidney-micro dx
01604	TB of kidney-cult dx
01605	TB of kidney-histo dx
01606	TB of kidney-oth test
01610	TB of bladder-unspec
01611	TB of bladder-no exam
01612	TB of bladder-exam unkn
01613	TB of bladder-micro dx
01614	TB of bladder-cult dx
01615	TB of bladder-histo dx
01616	TB of bladder-oth test
01620	TB of ureter-unspec
01621	TB of ureter-no exam
01622	TB of ureter-exam unkn

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
01623	TB of ureter-micro dx
01624	TB of ureter-cult dx
01625	TB of ureter-histo dx
01626	TB of ureter-oth test
01630	TB urinary NEC-unspec
01631	TB urinary NEC-no exam
01632	TB urinary NEC-exam unkn
01633	TB urinary NEC-micro dx
01634	TB urinary NEC-cult dx
01635	TB urinary NEC-histo dx
01636	TB urinary NEC-oth test
01690	Gu TB NOS-unspec
01691	Gu TB NOS-no exam
01692	Gu TB NOS-exam unkn
01693	Gu TB NOS-micro dx
01694	Gu TB NOS-cult dx
01695	Gu TB NOS-histo dx
01696	Gu TB NOS-oth test
09811	Gc cystitis (acute)
1372	Late effect gu TB
59010	Ac pyelonephritis NOS
59011	Ac pyelonephr w med necr
5902	Renal/perirenal abscess
5903	Pyeloureteritis cystica
59080	Pyelonephritis NOS
59081	Pyelonephrit in oth dis
5909	Infection of kidney NOS
5950	Acute cystitis
5951	Chr interstit cystitis
5952	Chronic cystitis NEC
5954	Cystitis in oth dis
59581	Cystitis cystica
59589	Cystitis NEC
5959	Cystitis NOS
5970	Urethral abscess
5990	Urin tract infection NOS

CADRG 324 11M,URINARY STONES

591	Hydronephrosis
5921	Calculus of ureter
5935	Hydroureter
7880	Renal colic

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
CADRG 325	11M,KIDNEY & URINARY TRACT SIGNS & SYMPTOMS
5819	Nephrotic syndrome NOS
5997	Hematuria
7882	Retention of urine
7911	Chyluria
CADRG 328	11M,URETHRAL STRICTURE
5981	Traum urethral stricture
5982	Postop urethral strictur
CADRG 331A	11M,(A) OTHER KIDNEY & URINARY TRACT DIAGNOSES
5800	Ac proliferat nephritis
5804	Ac rapidly progr nephrit
58081	Ac nephritis in oth dis
58089	Acute nephritis NEC
5809	Acute nephritis NOS
5810	Nephrotic syn, prolifer
5812	Membranoprolif nephrosis
5813	Minimal change nephrosis
5834	Rapidly prog nephrit NOS
5961	Intestinovesical fistula
5962	Vesical fistula NEC
5966	Bladder rupt, nontraum
86602	Kidney laceration-closed
86610	Kidney injury NOS-open
86611	Kidney hematoma-open
86612	Kidney laceration-open
86613	Kidney disruption-open
8670	Bladder/urethra inj-clos
8671	Bladder/urethra inj-open
8672	Ureter injury-closed
86804	Retroperitoneum inj-cl
99681	Compl kidney transpl
CADRG 331B	11M,(B) OTHER KIDNEY & URINARY TRACT DIAGNOSES
V420	Kidney transplant status
25040	Diab renal manif adult
25041	Diab renal manif juven
4030	Mal hypertens renal dis
4533	Renal vein thrombosis
5811	Epimembranous nephritis

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
58181	Nephrotic syn in oth dis
58189	Nephrotic syndrome NEC
59582	Irradiation cystitis
5960	Bladder neck obstruction
5964	Atony of bladder
5967	Bladder wall hemorrhage
5994	Urethral false passage
5996	Urinary obstruction NOS
86600	Kidney injury NOS-closed
86601	Kidney hematoma-closed
86603	Kidney disruption-closed
8673	Ureter injury-open
86814	Retroperitoneum inj-open
99630	Malfunc gu dev/graft NOS
99639	Malfunc gu dev/graft NEC
9975	Surg compl-urinary tract

CADRG 346 12M,MALIGNANCY, MALE REPRODUCTIVE SYSTEM

19882	Second malig neo genital

CADRG 350 12M,INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM

01640	TB epididymis-unspec
01641	TB epididymis-no exam
01642	TB epididymis-exam unkn
01643	TB epididymis-micro dx
01644	TB epididymis-cult dx
01645	TB epididymis-histo dx
01646	TB epididymis-oth test
01650	TB male genit NEC-unspec
01651	TB male gen NEC-no exam
01652	TB male gen NEC-ex unkn
01653	TB male gen NEC-micro dx
01654	TB male gen NEC-cult dx
01655	TB male gen NEC-histo dx
01656	TB male gen NEC-oth test
0720	Mumps orchitis
0980	Acute gc infect lower gu
09810	Gc (acute) upper gu NOS
09812	Gc prostatitis (acute)
09813	Gc orchitis (acute)
09814	Gc sem vesiculit (acute)
09819	Gc (acute) upper gu NEC
6010	Acute prostatitis

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
6012	Abscess of prostate
6013	Prostatocystitis
6031	Infected hydrocele
6040	Orchitis with abscess
6071	Balanoposthitis
6072	Inflam dis, penis NEC

CADRG 352 12M,OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES

6021	Prostatic congest/hemorr
6073	Priapism
8676	Pelvic organ inj NEC-cl
8677	Pelvic organ inj NEC-opn
8678	Pelvic organ inj NOS-cl
8679	Pelvic organ inj NOS-opn

CADRG 366 13M,MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM

1986	Second malig neo ovary
19882	Second malig neo genital

CADRG 368 13M,INFECTIONS, FEMALE REPRODUCTIVE SYSTEM

01660	TB ovary & tube-unspec
01661	TB ovary & tube-no exam
01662	TB ovary/tube-exam unkn
01663	TB ovary & tube-micro dx
01664	TB ovary & tube-cult dx
01665	TB ovary & tube-histo dx
01666	TB ovary & tube-oth test
01670	TB female gen NEC-unspec
01671	TB fem gen NEC-no exam
01672	TB fem gen NEC-exam unkn
01673	TB fem gen NEC-micro dx
01674	TB fem gen NEC-cult dx
01675	TB fem gen NEC-histo dx
01676	TB fem gen NEC-oth test
0980	Acute gc infect lower gu
09810	Gc (acute) upper gu NOS
09815	Gc cervicitis (acute)
09816	Gc endometritis (acute)
09817	Acute gc salpingitis
09819	Gc (acute) upper gu NEC
6140	Ac salpingo-oophoritis

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
6143	Acute parametritis
6145	Ac pelv peritonitis-fem
6150	Ac uterine inflammation
6163	Bartholin's glnd abscess
6164	Abscess of vulva NEC

CADRG 369A 13M,(A) MENSTRUAL & OTH FEMALE REPRODU SYS DISORD

6190	Urin-genital fistul, fem
6198	Fem genital fistula NEC
6199	Fem genital fistula NOS

CADRG 369B 13M,(B) MENSTRUAL & OTH FEMALE REPRODU SYS DISORD

6192	Genital-skin fistul, fem
6207	Broad ligament hematoma
8674	Uterus injury-closed
8675	Uterus injury-open
8676	Pelvic organ inj NEC-cl
8677	Pelvic organ inj NEC-opn
8678	Pelvic organ inj NOS-cl
8679	Pelvic organ inj NOS-opn

CADRG 372 14M,DELIVERY W COMPLICATION I

64101	Placenta previa-deliver
64111	Placenta prev hem-deliv
64131	Coag def hemorr-deliver
64181	Antepartum hem NEC-deliv
64191	Antepartum hem NOS-deliv
64241	Mild/nos preeclamp-deliv
64242	Mild preeclamp-del w p/p
64251	Severe preeclamp-deliver
64252	Sev preeclamp-del w p/p
64261	Eclampsia-delivered
64262	Eclampsia-deliv w p/p
64271	Tox w old hyperten-deliv
64272	Tox w old hyp-del w p/p
64731	Tuberculosis-delivered
64732	Tuberculosis-deliv w p/p
64741	Malaria-delivered
64742	Malaria-delivered w p/p
64801	Diabetes-delivered
64802	Diabetes-delivered w p/p

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
64851	Congen cv dis-delivered
64852	Congen cv dis-del w p/p
64861	Cv dis NEC preg-deliver
64862	Cv dis NEC-deliver w p/p
65931	Septicem in labor-deliv
66632	P/p coag def-del w p/p
66801	Pulm compl in del-deliv
66802	Pulm complic-del w p/p
66811	Heart compl in del-deliv
66812	Heart compl-del w p/p
66821	Cns compl lab/del-deliv
66822	Cns complic-del w p/p
66881	Anesth compl NEC-deliver
66882	Anesth compl NEC-del p/p
66891	Anesth compl NOS-deliver
66892	Anesth compl NOS-del p/p
66911	Obstetric shock-deliver
66912	Obstet shock-deliv w p/p
66932	Ac ren fail-deliv w p/p
67002	Major puerp inf-del p/p
67131	Deep throm antepar-deliv
67142	Thromb postpar-del w p/p
67301	Ob air embolism-deliver
67302	Ob air embol-deliv w p/p
67311	Amniotic embolism-deliv
67312	Amniot embol-deliv w p/p
67321	Pulm embol NOS-delivered
67322	Pulm embol NOS-del w p/p
67331	Ob pyemic embol-deliver
67332	Ob pyem embol-del w p/p
67381	Pulmon embol NEC-deliver
67382	Pulm embol NEC-del w p/p
67401	Puerp cerebvas dis-deliv
67402	Cerebvas dis-deliv w p/p
67412	Disrupt c-sect-del w p/p
67422	Disrupt perin-del w p/p
67511	Breast abscess-delivered
67512	Breast abscess-del w p/p

CADRG 373 14M,DELIVERY W COMPLICATION II

64001	Threatened abort-deliver
64081	Hem early preg NEC-deliv
64091	Hem early preg-delivered
64661	Gu infection-delivered
64662	Gu infection-deliv w p/p

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
64671	Liver disorder-delivered
64821	Anemia-delivered
64822	Anemia-delivered w p/p
64831	Drug dependence-deliver
64832	Drug dependen-del w p/p
65930	Septicemia in labor-unsp
66500	Prelabor rupt uter-unsp
66501	Prelabor rupt uterus-del
66510	Rupture uterus NOS-unsp
66511	Rupture uterus NOS-deliv
66512	Rupt uter NOS-del w p/p
66800	Pulm compl in del-unspec
66810	Heart compl in del-unsp
66820	Cns compl labor/del-unsp
66880	Anesth comp del NEC-unsp
66890	Anesth comp del NOS-unsp
66910	Obstetric shock-unspec
66930	Ac ren fail w deliv-unsp
67121	Thrombophlebitis-deliver
67122	Thrombophleb-deliv w p/p

CADRG 376 14M,POSTPARTUM & POST ABORTION DIAGNOSES

6390	Postabortion gu infect
6391	Postabortion hemorrhage
6392	Postabort pelvic damage
6393	Postabort renal failure
6394	Postabort metabolic dis
6395	Postabortion shock
6396	Postabortion embolism
6398	Postabortion compl NEC
6399	Postabortion compl NOS
64244	Mild/nos preeclamp-p/p
64254	Sev preeclamp-postpartum
64264	Eclampsia-postpartum
64274	Tox w old hyper-postpart
64664	Gu infection-postpartum
64734	Tuberculosis-postpartum
64744	Malaria-postpartum
64804	Diabetes-postpartum
64824	Anemia-postpartum
64834	Drug dependence-postpart
64854	Congen cv dis-postpartum
64864	Cv dis NEC-postpartum
66514	Rupt uterus NOS-postpart
66634	Postpart coag def-postpa

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
66804	Pulm complicat-postpart
66814	Heart complic-postpart
66824	Cns compl in del-postpar
66884	Anesth compl-postpartum
66894	Anesth compl-postpartum
66914	Obstetric shock-postpart
66934	Ac renal failure-postpar
67004	Major puerp inf-postpart
67124	Thrombophlebit-postpart
67144	Deep vein thromb-postpar
67304	Ob air embolism-postpart
67314	Amniotic embol-postpart
67324	Pulm embol NOS-postpart
67334	Ob pyemic embol-postpart
67384	Pulmon embol NEC-postpar
67404	Cerebrovasc dis-postpart
67410	Disrupt c-sect wnd-unsp
67420	Disrupt perineum-unspec
67424	Disrupt perineum-postpar

CADRG 379 14M,THREATENED ABORTION

64000	Threatened abort-unspec
64003	Threaten abort-antepart
64080	Hem early preg NEC-unsp
64083	Hem early pg NEC-antepar
64090	Hemorr early preg-unspec
64093	Hem early preg-antepart
64400	Threat prem labor-unspec
64403	Thrt prem labor-antepart

CADRG 380 14M,ABORTION

63400	Spon abor w pel inf-unsp
63401	Spon abor w pelv inf-inc
63402	Spon abor w pel inf-comp
63410	Spon abort w hemorr-unsp
63411	Spon abort w hemorr-inc
63412	Spon abort w hemorr-comp
63420	Spon ab w pel damag-unsp
63421	Spon ab w pelv damag-inc
63422	Spon ab w pel damag-comp
63430	Spon ab w ren fail-unsp
63431	Spon ab w ren fail-inc
63432	Spon ab w ren fail-comp

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
63440	Spon ab w metab dis-unsp
63441	Spon ab w metab dis-inc
63442	Spon ab w metab dis-comp
63450	Spon abort w shock-unsp
63451	Spon abort w shock-inc
63452	Spon abort w shock-comp
63460	Spon abort w embol-unsp
63461	Spon abort w embol-inc
63462	Spon abort w embol-comp
63470	Spon ab w compl NEC-unsp
63471	Spon ab w compl NEC-inc
63472	Spon ab w compl NEC-comp
63480	Spon ab w compl NOS-unsp
63481	Spon ab w compl NOS-inc
63482	Spon ab w compl NOS-comp
63490	Spon abort uncompl-unsp
63491	Spon abort uncompl-inc
63492	Spon abort uncompl-comp

CADRG 382 14M,FALSE LABOR

64410	Threat labor NEC-unspec
64413	Threat labor NEC-antepar

CADRG 383A 14M,(A) COMPLICATING OTHER ANTEPARTUM DIAGNOSES

V238	Suprv high-risk preg NEC
64803	Diabetes-antepartum
64863	Cv dis NEC-antepartum

CADRG 383B 14M,(B) COMPLICATING OTHER ANTEPARTUM DIAGNOSES

V239	Suprv high-risk preg NOS
64100	Placenta previa-unspec
64110	Placenta prev hem-unspec
64130	Coag def hemorr-unspec
64133	Coag def hemorr-antepart
64180	Antepart hem NEC-unspec
64190	Antepart hem NOS-unspec
64240	Mild/nos preeclamp-unsp
64243	Mild/nos preeclamp-antep
64250	Severe preeclamp-unspec
64253	Sev preeclamp-antepartum
64260	Eclampsia-unspecified

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
64263	Eclampsia-antepartum
64270	Tox w old hyperten-unsp
64273	Tox w old hyper-antepart
64660	Gu infect in preg-unspec
64663	Gu infection-antepartum
64673	Liver disorder-antepart
64733	Tuberculosis-antepartum
64740	Malaria in preg-unspec
64743	Malaria-antepartum
64800	Diabetes in preg-unspec
64820	Anemia in preg-unspec
64823	Anemia-antepartum
64833	Drug dependence-antepart
64853	Congen cv dis-antepartum
67000	Major puerp infect-unsp

CADRG 384 14M,OTHER ANTEPARTUM DIAGNOSES

64103	Placenta previa-antepart
64113	Placen prev hem-antepart
64183	Antepart hem NEC-antepar
64193	Antepart hem NOS-antepar
65933	Septicem in labor-antepa
66503	Prelab rupt uter-antepar
66803	Pulm complicat-antepart
66813	Heart complic-antepart
66823	Cns compl in del-antepar
66883	Anesth compl antepartum
66893	Anesth compl-antepartum
66913	Obstetric shock-antepar
67120	Thrombophleb preg-unspec
67123	Thrombophlebit-antepart
67133	Deep vein thromb-antepar
67303	Ob air embolism-antepart
67313	Amniotic embol-antepart
67323	Pulm embol NOS-antepart
67333	Ob pyemic embol-antepart
67383	Pulmon embol NEC-antepar
67403	Cerebrovasc dis-antepart

CADRG 395 16M,RED BLOOD CELL DISORDERS

2800	Chr blood loss anemia
2814	Protein defic anemia
2818	Nutritional anemia NEC

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
2824	Thalassemias
28260	Sickle-cell anemia NOS
28261	Hb-s disease w/o crisis
28262	Hb-s disease with crisis
28263	Sickle-cell/hb-c disease
28269	Sickle-cell anemia NEC
2830	Autoimmun hemolytic anem
2831	Nonautoimmu hemolyt anem
2832	Hemolytic hemoglobinuria
2839	Acq hemolytic anemia NOS
2840	Congen aplastic anemia
2848	Aplastic anemias NEC
2849	Aplastic anemia NOS
2850	Sideroblastic anemia
2851	Ac posthemorrhag anemia
9996	Abo incompatibility reac
9997	Rh incompatibility react
9998	Transfusion reaction NEC

CADRG 397 16M,COAGULATION DISORDERS

2860	Cong factor viii diord
2861	Cong factor ix disorder
2862	Cong factor xi disorder
2863	Cong def clot factor NEC
2864	Von willebrand's disease
2865	Circulating anticoag dis
2866	Defibrination syndrome
2867	Acq coagul factor defic
2869	Coagulat defect NEC/NOS
2870	Allergic purpura
2871	Thrombocytopathy
2872	Purpura NOS
2873	Primary thrombocytopenia
2874	Second thrombocytopenia
2875	Thrombocytopenia NOS
2878	Hemorrhagic cond NEC
2879	Hemorrhagic cond NOS

CADRG 398 16M,RETICULOENDOTHELIAL & IMMUNITY DISORDERS

01720	TB periph lymph-unspec
01721	TB periph lymph-no exam
01722	TB periph lymph-exam unk
01723	TB periph lymph-micro dx

APPENDIX 3

DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
01724	TB periph lymph-cult dx
01725	TB periph lymph-histo dx
01726	TB periph lymph-oth test
01770	TB of spleen-unspec
01771	TB of spleen-no exam
01772	TB of spleen-exam unkn
01773	TB of spleen-micro dx
01774	TB of spleen-cult dx
01775	TB of spleen-histo dx
01776	TB of spleen-oth test
0420	No description
0421	No description
0422	No description
0429	No description
0430	No description
0431	No description
0432	No description
0433	No description
0439	No description
0440	No description
0449	No description
2541	Abscess of thymus
27902	Selective igm immunodef
27903	Selective ig defic NEC
27904	Cong hypogammaglobulinem
27905	Immunodefic w hyper-igm
27906	Common variabl immunodef
27909	Humoral immunity def NEC
27910	Immundef t-cell def NOS
27911	Digeorge's syndrome
27912	Wiskott-aldrich syndrome
27913	Nezelof's syndrome
27919	Defic cell immunity NOS
2792	Combined immunity defic
2793	Immunity deficiency NOS
2798	Immune mechanism dis NEC
2799	Immune mechanism dis NOS
2880	Agranulocytosis
2881	Function dis neutrophils
683	Acute lymphadenitis
86500	Spleen injury NOS-closed
86501	Spleen hematoma-closed
86502	Spleen capsular tear
86503	Spleen parenchyma lacer
86504	Spleen disruption-clos
86509	Spleen injury NEC-closed
86510	Spleen injury NOS-open

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
86511	Spleen hematoma-open
86512	Spleen capsular tear-opn
86513	Spleen parnchym lac-opn
86514	Spleen disruption-open
86519	Spleen injury NEC-open

CADRG 403 17M,LYMPHOMA & NON-ACUTE LEUKEMIA

1960	Mal neo lymph-head/neck
1961	Mal neo lymph-intrathor
1962	Mal neo lymph intra-abd
1963	Mal neo lymph-axilla/arm
1965	Mal neo lymph-inguin/leg
1966	Mal neo lymph-intrapelv
1968	Mal neo lymph node-mult
1969	Mal neo lymph node NOS
20000	Reticulosarcoma unspec
20001	Reticulosarcoma head
20002	Reticulosarcoma thorax
20003	Reticulosarcoma abdom
20004	Reticulosarcoma axilla
20005	Reticulosarcoma inguin
20006	Reticulosarcoma pelvic
20007	Reticulosarcoma spleen
20008	Reticulosarcoma mult
20010	Lymphosarcoma unspec
20011	Lymphosarcoma head
20012	Lymphosarcoma thorax
20013	Lymphosarcoma abdom
20014	Lymphosarcoma axilla
20015	Lymphosarcoma inguin
20016	Lymphosarcoma pelvic
20017	Lymphosarcoma spleen
20018	Lymphosarcoma mult
20020	Burkitt's tumor unspec
20021	Burkitt's tumor head
20022	Burkitt's tumor thorax
20023	Burkitt's tumor abdom
20024	Burkitt's tumor axilla
20025	Burkitt's tumor inguin
20026	Burkitt's tumor pelvic
20027	Burkitt's tumor spleen
20028	Burkitt's tumor mult
20080	Mixed lymphosarc unspec
20081	Mixed lymphosarc head
20082	Mixed lymphosarc thorax

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
20083	Mixed lymphosarc abdom
20084	Mixed lymphosarc axilla
20085	Mixed lymphosarc inguin
20086	Mixed lymphosarc pelvic
20087	Mixed lymphosarc spleen
20088	Mixed lymphosarc mult
20100	Hodgkins paragran unspec
20101	Hodgkins paragran head
20102	Hodgkins paragran thorax
20103	Hodgkins paragran abdom
20104	Hodgkins paragran axilla
20105	Hodgkins paragran inguin
20106	Hodgkins paragran pelvic
20107	Hodgkins paragran spleen
20108	Hodgkins paragran mult
20110	Hodgkins granulom unspec
20111	Hodgkins granulom head
20112	Hodgkins granulom thorax
20113	Hodgkins granulom abdom
20114	Hodgkins granulom axilla
20115	Hodgkins granulom inguin
20116	Hodgkins granulom pelvic
20117	Hodgkins granulom spleen
20118	Hodgkins granulom mult
20120	Hodgkins sarcoma unspec
20121	Hodgkins sarcoma head
20122	Hodgkins sarcoma thorax
20123	Hodgkins sarcoma abdom
20124	Hodgkins sarcoma axilla
20125	Hodgkins sarcoma inguin
20126	Hodgkins sarcoma pelvic
20127	Hodgkins sarcoma spleen
20128	Hodgkins sarcoma mult
20140	Hodg lymph-histio unspec
20141	Hodg lymph-histio head
20142	Hodg lymph-histio thorax
20143	Hodg lymph-histio abdom
20144	Hodg lymph-histio axilla
20145	Hodg lymph-histio inguin
20146	Hodg lymph-histio pelvic
20147	Hodg lymph-histio spleen
20148	Hodg lymph-histio mult
20150	Hodg nodul sclero unspec
20151	Hodg nodul sclero head
20152	Hodg nodul sclero thorax
20153	Hodg nodul sclero abdom
20154	Hodg nodul sclero axilla

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
20155	Hodg nodul sclero inguin
20156	Hodg nodul sclero pelvic
20157	Hodg nodul sclero spleen
20158	Hodg nodul sclero mult
20160	Hodgkins mix cell unspec
20161	Hodgkins mix cell head
20162	Hodgkins mix cell thorax
20163	Hodgkins mix cell abdom
20164	Hodgkins mix cell axilla
20165	Hodgkins mix cell inguin
20166	Hodgkins mix cell pelvic
20167	Hodgkins mix cell spleen
20168	Hodgkins mix cell mult
20170	Hodg lymph deplet unspec
20171	Hodg lymph deplet head
20172	Hodg lymph deplet thorax
20173	Hodg lymph deplet abdom
20174	Hodg lymph deplet axilla
20175	Hodg lymph deplet inguin
20176	Hodg lymph deplet pelvic
20177	Hodg lymph deplet spleen
20178	Hodg lymph deplet mult
20190	Hodgkins dis NOS unspec
20191	Hodgkins dis NOS head
20192	Hodgkins dis NOS thorax
20193	Hodgkins dis NOS abdom
20194	Hodgkins dis NOS axilla
20195	Hodgkins dis NOS inguin
20196	Hodgkins dis NOS pelvic
20197	Hodgkins dis NOS spleen
20198	Hodgkins dis NOS mult
20200	Nodular lymphoma unspec
20201	Nodular lymphoma head
20202	Nodular lymphoma thorax
20203	Nodular lymphoma abdom
20204	Nodular lymphoma axilla
20205	Nodular lymphoma inguin
20206	Nodular lymphoma pelvic
20207	Nodular lymphoma spleen
20208	Nodular lymphoma mult
20210	Mycosis fungoides unspec
20211	Mycosis fungoides head
20212	Mycosis fungoides thorax
20213	Mycosis fungoides abdom
20214	Mycosis fungoides axilla
20215	Mycosis fungoides inguin
20216	Mycosis fungoides pelvic

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
20217	Mycosis fungoides spleen
20218	Mycosis fungoides mult
20220	Sezary's disease unspec
20221	Sezary's disease head
20222	Sezary's disease thorax
20223	Sezary's disease abdom
20224	Sezary's disease axilla
20225	Sezary's disease inguin
20226	Sezary's disease pelvic
20227	Sezary's disease spleen
20228	Sezary's disease mult
20230	Mal histiocytosis unspec
20231	Mal histiocytosis head
20232	Mal histiocytosis thorax
20233	Mal histiocytosis abdom
20234	Mal histiocytosis axilla
20235	Mal histiocytosis inguin
20236	Mal histiocytosis pelvic
20237	Mal histiocytosis spleen
20238	Mal histiocytosis mult
20240	Hairy-cell leukem unspec
20241	Hairy-cell leukem head
20242	Hairy-cell leukem thorax
20243	Hairy-cell leukem abdom
20244	Hairy-cell leukem axilla
20245	Hairy-cell leukem inguin
20246	Hairy-cell leukem pelvic
20247	Hairy-cell leukem spleen
20248	Hairy-cell leukem mult
20260	Mal mastocytosis unspec
20261	Mal mastocytosis head
20262	Mal mastocytosis thorax
20263	Mal mastocytosis abdom
20264	Mal mastocytosis axilla
20265	Mal mastocytosis inguin
20266	Mal mastocytosis pelvic
20267	Mal mastocytosis spleen
20268	Mal mastocytosis mult
20280	Lymphoma NEC unspec site
20281	Lymphomas NEC head
20282	Lymphomas NEC thorax
20283	Lymphomas NEC abdom
20284	Lymphomas NEC axilla
20285	Lymphomas NEC inguin
20286	Lymphomas NEC pelvic
20287	Lymphomas NEC spleen
20288	Lymphomas NEC mult

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
20290	Lymphoid mal NEC unspec
20291	Lymphoid mal NEC head
20292	Lymphoid mal NEC thorax
20293	Lymphoid mal NEC abdom
20294	Lymphoid mal NEC axilla
20295	Lymphoid mal NEC inguin
20296	Lymphoid mal NEC pelvic
20297	Lymphoid mal NEC spleen
20298	Lymphoid mal NEC mult
2030	Multiple myeloma
2031	Plasma cell leukemia
2038	Immunoproliferat neo NEC
2041	Chr lymphoid leukemia
2042	Subac lymphoid leukemia
2048	Lymphoid leukemia NEC
2049	Lymphoid leukemia NOS
2051	Chronic myeloid leukemia
2052	Subacut myeloid leukemia
2053	Myeloid sarcoma
2058	Myeloid leukemia NEC
2059	Myeloid leukemia NOS
2061	Chr monocytic leukemia
2062	Subac monocytic leukemia
2068	Monocytic leukemia NEC
2069	Monocytic leukemia NOS
2071	Chronic erythremia
2072	Megakaryocytic leukemia
2078	Specified leukemia NEC
2081	Chronic leukemia NOS
2082	Subacute leukemia NOS
2088	Leukemia-unspec cell NEC
2089	Leukemia-unspec cell NOS
2733	Macroglobulinemia

CADRG 405 17 ,ACUTE LEUKEMIA

2040	Acute lymphoid leukemia
2050	Acute myeloid leukemia
2060	Acute monocytic leukemia
2070	Acute erythremia
2080	Acute leukemia NOS

CADRG 413 17M,OTH MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG

1640	Malignant neopl thymus

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
19889	Secondary malig neo NEC
1990	Malig neo disseminated
20250	Letterer-siwe dis unspec
20251	Letterer-siwe dis head
20252	Letterer-siwe dis thorax
20253	Letterer-siwe dis abdom
20254	Letterer-siwe dis axilla
20255	Letterer-siwe dis inguin
20256	Letterer-siwe dis pelvic
20257	Letterer-siwe dis spleen
20258	Letterer-siwe dis mult

CADRG 416 18M,SEPTICEMIA

0362	Meningococcemia
0363	Meningococc adrenal synd
03689	Meningococcal infect NEC
0369	Meningococcal infect NOS
0380	Streptococcal septicemia
0381	Staphylococc septicemia
0382	Pneumococcal septicemia
0383	Anaerobic septicemia
03840	Gram-neg septicemia NOS
03841	H. influenae septicemia
03842	E coli septicemia
03843	Pseudomonas septicemia
03844	Serratia septicemia
03849	Gram-neg septicemia NEC
0388	Septicemia NEC
0389	Septicemia NOS
0545	Herpetic septicemia
7907	Bacteremia NOS

CADRG 418 18M,POSTOPERATIVE & POST-TRAUMATIC INFECTIONS

9583	Posttraum wnd infec NEC
9985	Postoperative infection

CADRG 421 18M,VIRAL ILLNESS

0527	Varicella complicat NEC
0528	Varicella complicat NOS
0529	Varicella uncomplicated
05379	H zoster complicated NEC

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
0538	H zoster complicated NOS
05479	H simplex complicat NEC
0548	H simplex complicat NOS
05579	Measles complication NEC
0558	Measles complication NOS
05679	Rubella complication NEC
0568	Rubella complication NOS
07279	Mumps complication NEC
0728	Mumps complication NOS
7908	Viremia NOS

CADRG 423A 18M,(A) OTH INFECTIOUS & PARASITIC DISEASES DIAG

01800	Acute miliary tb-unspec
01801	Acute miliary tb-no exam
01802	Ac miliary tb-exam unkn
01803	Ac miliary tb-micro dx
01804	Acute miliary tb-cult dx
01805	Ac miliary tb-histo dx
01806	Ac miliary tb-oth test
01880	Miliary TB NEC-unspec
01881	Miliary TB NEC-no exam
01882	Miliary TB NEC-exam unkn
01883	Miliary TB NEC-micro dx
01884	Miliary TB NEC-cult dx
01885	Miliary TB NEC-histo dx
01886	Miliary TB NEC-oth test
01890	Miliary TB NOS-unspec
01891	Miliary TB NOS-no exam
01892	Miliary TB NOS-exam unkn
01893	Miliary TB NOS-micro dx
01894	Miliary TB NOS-cult dx
01895	Miliary TB NOS-histo dx
01896	Miliary TB NOS-oth test
037	Tetanus
0400	Gas gangrene
1125	Disseminated candidiasis
1143	Progress coccidioid NEC
1173	Aspergillosis
1174	Mycotic mycetomas
1175	Cryptococcosis
118	Opportunistic mycoses
1308	Multisystem toxoplasmos
9993	Infec compl med care NEC

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION

CADRG 423B 18M,(B) OTH INFECTIOUS & PARASITIC DISEASES DIAG

01790	TB of organ NEC-unspec
01791	TB of organ NEC-no exam
01792	TB organ NEC-exam unkn
01793	TB of organ NEC-micro dx
01794	TB of organ NEC-cult dx
01795	TB of organ NEC-histo dx
01796	TB of organ NEC-oth test
1149	Coccidioidomycosis NOS
11500	Histoplasma capsulat NOS
11510	Histoplasma duboisii NOS
11519	Histoplasma duboisii NEC
11590	Histoplasmosis NOS
11599	Histoplasmosis NEC
1160	Blastomycosis
1161	Paracoccidioidomycosis
1176	Allescheriosis
1177	Zygomycosis
1307	Toxoplasmosis site NEC
64730	TB in preg-unspec

CADRG 425 19M,ACUTE ADJUST REACT & DISTURB OF PSYCH DYSFUNC

7801	Hallucinations

CADRG 428 19M,DISORDERS OF PERSONALITY & IMPULSE CONTROL

3071	Anorexia nervosa

CADRG 429 19M,ORGANIC DISTURBANCES & MENTAL RETARDATION

29900	Infantile autism-active
29910	Disintegr psych-active
3182	Profound mental retardat

CADRG 430 19M,PSYCHOSES

29500	Simpl schizophren-unspec
29501	Simpl schizophren-subchr
29502	Simple schizophren-chr
29503	Simp schiz-subchr/exacer
29504	Simpl schizo-chr/exacerb

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
29510	Hebephrenia-unspec
29511	Hebephrenia-subchronic
29512	Hebephrenia-chronic
29513	Hebephren-subchr/exacerb
29514	Hebephrenia-chr/exacerb
29521	Catatonia-subchronic
29522	Catatonia-chronic
29523	Catatonia-subchr/exacerb
29524	Catatonia-chr/exacerb
29530	Paranoid schizo-unspec
29531	Paranoid schizo-subchr
29532	Paranoid schizo-chronic
29533	Paran schizo-subchr/exac
29534	Paran schizo-chr/exacerb
29540	Ac schizophrenia-unspec
29541	Ac schizophrenia-subchr
29542	Ac schizophrenia-chr
29543	Ac schizo-subchr/exacerb
29544	Ac schizophr-chr/exacerb
29560	Resid schizophren-unsp
29561	Resid schizophren-subchr
29562	Residual schizophren-chr
29563	Resid schizo-subchr/exac
29564	Resid schizo-chr/exacerb
29570	Schizoaffective-unspec
29571	Schizoaffective-subchr
29572	Schizoaffective-chronic
29573	Schizoaff-subchr/exacer
29574	Schizoaffect-chr/exacer
29580	Schizophrenia NEC-unspec
29581	Schizophrenia NEC-subchr
29582	Schizophrenia NEC-chr
29583	Schizo NEC-subchr/exacer
29584	Schizo NEC-chr/exacerb
29590	Schizophrenia NOS-unspec
29591	Schizophrenia NOS-subchr
29592	Schizophrenia NOS-chr
29593	Schizo NOS-subchr/exacer
29594	Schizo NOS-chr/exacerb
29604	Manic dis-severe w psych
29614	Recur manic-sev w psycho
29634	Rec depr psych-psychotic
29644	Bipol manic-sev w psych
29654	Bipol depr-sev w psych
29664	Bipol mixed-sev w psych
2980	React depress psychosis
2983	Acute paranoid reaction

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
2984	Psychogen paranoid psych
29980	Child psychos NEC-active
29990	Child psychos NOS-active

CADRG 434 20 ,ALC/DRUG ABUSE,INTOX,INDUCE MNTL SYN EXC DEPN

2911	Alcohol amnestic synd
2912	Alcoholic dementia NEC
2914	Pathologic alcohol intox
29211	Drug paranoid state
29212	Drug hallucinosis
2922	Pathologic drug intox
29281	Drug-induced delirium
29282	Drug-induced dementia
29283	Drug amnestic syndrome
29284	Drug depressive syndrome
29289	Drug mental disorder NEC
2929	Drug mental disorder NOS
30500	Alcohol abuse-unspec
30501	Alcohol abuse-continuous
30502	Alcohol abuse-episodic
30530	Hallucinog abuse-unspec
30530	Hallucinogen abuse-unspe
30531	Hallucinog abuse-contin
30531	Hallucinogen abuse-conti
30532	Hallucinog abuse-episod
30532	Hallucinogen abuse-episo
30540	Barbiturate abuse-unspec
30541	Barbiturate abuse-contin
30542	Barbiturate abuse-episod
30550	Opioid abuse-unspec
30551	Opioid abuse-continuous
30552	Opioid abuse-episodic
30560	Cocaine abuse-unspec
30560	Cocaine abuse-unspec
30561	Cocaine abuse-continuous
30561	Cocaine abuse-contin
30562	Cocaine abuse-episodic
30562	Cocaine abuse-episod
30570	Amphetamine abuse-unspec
30571	Amphetamine abuse-contin
30572	Amphetamine abuse-episod
30590	Drug abuse NEC-unspec
30590	Drug abuse NEC-unspec
30591	Drug abuse NEC-contin
30591	Drug abuse NEC-contin

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
30592	Drug abuse NEC-episodic
30592	Drug abuse NEC-episod

CADRG 435 20 ,ALC/DRUG DEPENDENCE

2910	Delirium tremens
2913	Alcohol hallucinosis
2918	Alcoholic psychosis NEC
2919	Alcoholic psychosis NOS
2920	Drug withdrawal syndrome
30300	Ac alcohol intox-unspec
30301	Ac alcohol intox-contin
30302	Ac alcohol intox-episod
30390	Alcoh dep NEC/NOS-unspec
30391	Alcoh dep NEC/NOS-contin
30392	Alcoh dep NEC/NOS-episod
30400	Opioid dependence-unspec
30401	Opioid dependence-contin
30402	Opioid dependence-episod
30410	Barbiturat depend-unspec
30411	Barbiturat depend-contin
30412	Barbiturat depend-episod
30420	Cocaine depend-unspec
30420	Cocaine depend-unspec
30421	Cocaine depend-contin
30421	Cocaine depend-contin
30422	Cocaine depend-episodic
30422	Cocaine depend-episod
30440	Amphetamin depend-unspec
30441	Amphetamin depend-contin
30442	Amphetamin depend-episod
30450	Hallucinogen dep-unspec
30450	Hallucinogen depend-unsp
30451	Hallucinogen dep-contin
30451	Hallucinogen depend-cont
30452	Hallucinogen dep-episod
30452	Hallucinogen depend-epis
30460	Drug depend NEC-unspec
30460	Drug depend NEC-unspec
30461	Drug depend NEC-contin
30461	Drug depend NEC-contin
30462	Drug depend NEC-episodic
30462	Drug depend NEC-episod
30470	Opioid/other dep-unspec
30471	Opioid/other dep-contin
30472	Opioid/other dep-episod

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
30480	Comb drug dep NEC-unspec
30481	Comb drug dep NEC-contin
30482	Comb drug dep NEC-episod
30490	Drug depend NOS-unspec
30491	Drug depend NOS-contin
30492	Drug depend NOS-episodic
64830	Drug depend preg-unspec

CADRG 444 21M,MULTIPLE TRAUMA

8629	Intrathorac inj NOS-open
86809	Intra-abdom inj NEC-clos
86819	Intra-abdom inj NEC-open
8690	Internal inj NOS-closed
8691	Internal injury NOS-open
8751	Open wound chest-compl
8870	Amput below elb, unilat
8871	Amp below elb, unil-comp
8872	Amput abv elbow, unilat
8873	Amput abv elb, unil-comp
8874	Amputat arm, unilat NOS
8875	Amput arm, unil NOS-comp
8876	Amputation arm, bilat
8877	Amputat arm, bilat-compl
8960	Amputation foot, unilat
8961	Amput foot, unilat-compl
8962	Amputation foot, bilat
8963	Amputat foot, bilat-comp
8970	Amput below knee, unilat
8971	Amputat bk, unilat-compl
8972	Amput above knee, unilat
8973	Amput abv kn, unil-compl
8974	Amputat leg, unilat NOS
8975	Amput leg, unil NOS-comp
8976	Amputation leg, bilat
8977	Amputat leg, bilat-compl
90000	Injur carotid artery NOS
90001	Inj common carotid arter
90002	Inj external carotid art
90003	Inj internal carotid art
9001	Inj internl jugular vein
90081	Inj extern jugular vein
90082	Inj mlt head/neck vessel
90089	Inj head/neck vessel NEC
9009	Inj head/neck vessel NOS
9010	Injury thoracic aorta

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
9011	Inj innomin/subclav art
9012	Inj superior vena cava
9013	Inj innomin/subclav vein
90141	Injury pulmonary artery
90142	Injury pulmonary vein
90183	Inj mult thoracic vessel
9020	Injury abdominal aorta
90210	Inj infer vena cava NOS
90211	Injury hepatic veins
90219	Inj infer vena cava NEC
90220	Inj celiac/mesen art NOS
90222	Injury hepatic artery
90223	Injury splenic artery
90224	Injury celiac axis NEC
90225	Inj super mesenteric art
90226	Inj brnch sup mesent art
90227	Inj infer mesenteric art
90229	Inj mesenteric vess NEC
90231	Inj superior mesent vein
90232	Inj inferior mesent vein
90233	Injury portal vein
90234	Injury splenic vein
90239	Inj port/splen vess NEC
90240	Injury renal vessel NOS
90241	Injury renal artery
90242	Injury renal vein
90249	Injury renal vessel NEC
90250	Injury iliac vessel NOS
90251	Inj hypogastric artery
90252	Injury hypogastric vein
90253	Injury iliac artery
90254	Injury iliac vein
90259	Injury iliac vessel NEC
90287	Inj mult abd/pelv vessel
9040	Inj common femoral arter
925	Crush inj face/scalp/nck
9290	Crush inj mult site NEC

CADRG 447 21M,ALLERGIC REACTIONS

9994	Anaphylactic shock-serum
9995	Serum reaction NEC

CADRG 452 21M,COMPLICATIONS OF TREATMENT

APPENDIX 3
DEFINITION OF CADRGS BY ICD-9-CM DIAGNOSES

I9 DX	DESCRIPTION
9965	Malfunc device/graft NEC
9966	Infec/inflam-devic/graft
9967	Complic device/graft NEC
99680	Compl organ transpl NOS
99689	Compl other organ transp
9979	Surg compl-body syst NEC
9980	Postoperative shock
9981	Hemorr complic procedure
9982	Accidental op laceration
9983	Postop wound disruption
9984	FB left during procedure
9986	Persist postop fistula
9987	Postop forgn subst react
9988	Surgical complicat NEC
9989	Surgical complicat NOS

CADRG 454 21M,OTHER INJURY, POISONING & TOXIC EFF DIAG

9582	Secondary/recur hemorr
9584	Traumatic shock
9954	Shock due to anesthesia

CADRG 463 23M,SIGNS & SYMPTOMS

7895	Ascites
7913	Myoglobinuria
7994	Cachexia

CADRG 467A 23M,(A) OTHER FACTORS INFLUENCING HEALTH STATUS

V461	Dependence on respirator

CADRG 467B 23M,(B) OTHER FACTORS INFLUENCING HEALTH STATUS

V451	Renal dialysis status

Appendix 4

PROCEDURE FOR ADJUSTING CHARGES

The charges in the Maryland data base were adjusted using a modification of the procedure employed by the Health Care Financing Administration (HCFA) to calculate relative payment weights of DRGs for the PPS program in the fiscal year 1984 (U.S. Department of Health and Human Services, Health Care Financing Administration [1983]). In the Maryland data base, per case charges were broken down into eight charge buckets -- daily (room and board), drug, supplies, operating room, laboratory, radiology, therapies, and other. The following adjustments were made to charges in each bucket and then they were summed to obtain per case adjusted charges:

1. Costs were computed by dividing charges by the mark-up for the hospital.

2. The costs for hospital-based physicians such as anesthesiologists and pathologists who were paid by the hospital were subtracted from the costs computed in (1).

3. Costs were adjusted for differences in teaching activities by dividing the costs by $(1 + \alpha T)$ where α was an adjustment factor which was set at .05795 based on the study conducted by the HCFA and T was the full time equivalent of interns and residents per bed.

4. Costs were divided into two parts: labor related and other. The proportion of labor related costs was .7937 for the five urban areas and .8231 for rural areas. Labor related costs were adjusted for wage differences by dividing the costs by the wage indexes presented below. These adjusted labor related costs and other

costs were summed.

Area	County	Index
Baltimore	Ann Arundel Baltimore Baltimore City Carroll Harford Howard Queen Annes	1.1069
Cumberland	Allegeny	.8931
Hagerstown	Washington	.9516
Washington, DC	Calvert1 Charles Frederick Montgomery Prince Georges	.1878
Wilmington	Cecil	1.0511
Rural	All other counties	.8710

Reference

U.S. Department of Health and Human Services, Health Care Financing Administration [1983], Federal Register, Vol. 48, No. 171, U.S. Government Printing Office, Washington, DC, pp. 39768-39769, p. 39844, and pp. 39871-39875.

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 1 : DISEASES & DISORDERS OF THE NERVOUS SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
1	CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA	1133	.8428	.8312	.9840
2	CRANIOTOMY FOR TRAUMA AGE >17	441	.7773	.7602	.9960
3	CRANIOTOMY AGE <18	288	.8910	.8866	.9871
4	SPINAL PROCEDURES	415	.8859	.8648	.9989
5	EXTRACRANIAL VASCULAR PROCEDURES	1347	.8660	.8488	.9919
6	CARPAL TUNNEL RELEASE	1549	.7854	.7781	.9821
7	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE >69 &/OR CC	397	.9300	.9122	.9821
8	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC AGE <70 W/O CC	1215	.8296	.8141	.9929
MEDICAL					
9	SPINAL DISORDERS & INJURIES	225	.8627	.8390	.9896
10	NERVOUS SYSTEM NEOPLASMS AGE >69 &/OR CC	559	.9100	.8929	.9879
11	NERVOUS SYSTEM NEOPLASMS AGE <70 W/O CC	285	.8606	.8375	.9889
12	DEGENERATIVE NERVOUS SYSTEM DISORDERS	1432	.9226	.9026	.9965
13	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	602	.9066	.8756	.9850
14	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	7052	.8513	.8372	.9899
15	TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSIONS	4038	.8613	.8389	.9868
16	NONSPECIFIC CEREBROVASCULAR DISORDERS W CC	458	.8740	.8508	.9913
17	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC	419	.8465	.7943	.9748
18	CRANIAL & PERIPHERAL NERVE DISORDERS AGE >69 &/OR CC	730	.9186	.9058	.9952
19	CRANIAL & PERIPHERAL NERVE DISORDERS AGE <70 W/O CC	1119	.8952	.8721	.9891
20	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	597	.8824	.8720	.9913
21	VIRAL MENINGITIS	507	.8937	.8613	.9801
22	HYPERTENSIVE ENCEPHALOPATHY	215	.8460	.8271	.9863
23	NONTRAUMATIC STUPOR & COMA	138	.8310	.8188	.9952
24	SEIZURE & HEADACHE AGE >69 &/OR CC	2286	.8828	.8617	.9895
25	SEIZURE & HEADACHE AGE 18-69 W/O CC	2400	.8444	.8207	.9898
26	SEIZURE & HEADACHE AGE 0-17	1197	.8683	.8362	.9860
27	TRAUMATIC STUPOR & COMA, COMA >1 HR	402	.7987	.7763	.9929
28	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >69 &/OR CC	550	.8365	.8197	.9857
29	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE 18-69 W/O CC	596	.7676	.7485	.9930
30	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE 0-17	704	.8287	.7857	.9852
31	CONCUSSION AGE >69 &/OR CC	282	.8611	.8425	.9920
32	CONCUSSION AGE 18-69 W/O CC	670	.7464	.7196	.9811
33	CONCUSSION AGE 0-17	586	.7933	.7751	.9921

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 1 : DISEASES & DISORDERS OF THE NERVOUS SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
34	OTHER DISORDERS OF NERVOUS SYSTEM AGE >69 &/OR CC	495	.8908	.8774	.9907
35	OTHER DISORDERS OF NERVOUS SYSTEM AGE <70 W/O CC	664	.8780	.8589	.9988

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 2 : DISEASES & DISORDERS OF THE EYE

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
36	RETINAL PROCEDURES	1054	.7767	.7480	.9914
37	ORBITAL PROCEDURES	300	.8601	.8410	.9903
38	PRIMARY IRIS PROCEDURES	229	.8644	.8640	.9924
39	LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	12270	.5420	.5436	.9554
40	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17	1102	.6382	.6250	.9689
41	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	561	.4741	.4458	.9457
42	INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS	1192	.7404	.7498	.9818
MEDICAL					
43	HYPHEMA	156	.8284	.7805	.9650
44	ACUTE MAJOR EYE INFECTIONS	250	.8596	.8331	.9745
45	NEUROLOGICAL EYE DISORDERS	265	.7761	.7379	.9837
46	OTHER DISORDERS OF THE EYE AGE >17 W CC	232	.9356	.9202	.9786
47	OTHER DISORDERS OF THE EYE AGE >17 W/O CC	409	.8041	.7868	.9813
48	OTHER DISORDERS OF THE EYE AGE 0-17	146	.8892	.8719	.9949

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 3 : DISEASES & DISORDERS OF THE EAR, NOSE & THROAT

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
	SURGICAL				
49	MAJOR HEAD & NECK PROCEDURES	256	.9472	.9365	.9826
50	SIALOADENECTOMY	348	.7130	.7315	.9688
51	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	83	.8046	.7659	.9746
52	CLEFT LIP & PALATE REPAIR	144	.8331	.8115	.9813
53	SINUS & MASTOID PROCEDURES AGE >17	1392	.7697	.7746	.9911
54	SINUS & MASTOID PROCEDURES AGE 0-17	182	.8652	.8639	.9973
55	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	3927	.6587	.6750	.9872
56	RHINOPLASTY	1695	.6637	.6437	.9744
57	T&A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17	233	.7602	.7460	.9896
58	T&A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE 0-17	2003	.6134	.5381	.9554
59	TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17	1697	.6261	.5884	.9711
60	TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE 0-17	4642	.5777	.4544	.9860
61	MYRINGOTOMY W TUBE INSERTION AGE >17	70	.8432	.8366	.9964
62	MYRINGOTOMY W TUBE INSERTION AGE 0-17	290	.6619	.6629	.9922
63	OTHER EAR, NOSE & THROAT O.R. PROCEDURES	313	.8992	.8935	.9960
	MEDICAL				
64	EAR, NOSE & THROAT MALIGNANCY	487	.8844	.8710	.9929
65	DYSEQUILIBRIUM	1156	.8563	.8314	.9788
66	EPISTAXIS	457	.8479	.8371	.9832
67	EPIGLOTTITIS	109	.8851	.8866	.9756
68	OTITIS MEDIA & URI AGE >69 &/OR CC	670	.8920	.8640	.9907
69	OTITIS MEDIA & URI AGE 18-69 W/O CC	795	.8067	.7987	.9826
70	OTITIS MEDIA & URI AGE 0-17	1570	.8619	.8233	.9658
71	LARYNGOTRACHEITIS	291	.8868	.8674	.9850
72	NASAL TRAUMA & DEFORMITY	222	.6973	.6876	.9869
73	OTHER EAR, NOSE & THROAT DIAGNOSES AGE >17	808	.8135	.7957	.9936
74	OTHER EAR, NOSE & THROAT DIAGNOSES AGE 0-17	267	.8394	.8195	.9992

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 4 : DISEASES & DISORDERS OF THE RESPIRATORY SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
75	MAJOR CHEST PROCEDURES	1655	.8254	.8088	.9908
76	OTHER RESP SYSTEM O.R. PROCEDURES W CC	589	.8813	.8704	.9922
77	OTHER RESP SYSTEM O.R. PROCEDURES W/O CC	314	.8778	.8613	.9928
MEDICAL					
78	PULMONARY EMBOLISM	839	.8219	.8110	.9842
79	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >69 &/OR CC	1284	.8586	.8464	.9910
80	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 18-69 W/O CC	210	.8909	.8695	.9943
81	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17	98	.9449	.9364	.9965
82	RESPIRATORY NEOPLASMS	3681	.9023	.8899	.9911
83	MAJOR CHEST TRAUMA AGE >69 &/OR CC	357	.8711	.8472	.9871
84	MAJOR CHEST TRAUMA AGE <70 W/O CC	161	.8680	.8411	.9857
85	PLEURAL EFFUSION AGE >69 &/OR CC	491	.8759	.8571	.9896
86	PLEURAL EFFUSION AGE <70 W/O CC	164	.8831	.8585	.9805
87	PULMONARY EDEMA & RESPIRATORY FAILURE	1905	.8481	.8341	.9910
88	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	5195	.8816	.8660	.9957
89	SIMPLE PNEUMONIA & PLEURISY AGE >69 &/OR CC	5548	.8602	.8413	.9882
90	SIMPLE PNEUMONIA & PLEURISY AGE 18-69 W/O CC	1693	.8457	.8194	.9859
91	SIMPLE PNEUMONIA & PLEURISY AGE 0-17	2350	.8957	.8564	.9959
92	INTERSTITIAL LUNG DISEASE AGE >69 &/OR CC	473	.8619	.8484	.9887
93	INTERSTITIAL LUNG DISEASE AGE <70 W/O CC	190	.8841	.8643	.9953
94	PNEUMOTHORAX AGE >69 &/OR CC	290	.8429	.8193	.9908
95	PNEUMOTHORAX AGE <70 W/O CC	507	.8557	.8213	.9804
96	BRONCHITIS & ASTHMA AGE >69 &/OR CC	3914	.8834	.8583	.9818
97	BRONCHITIS & ASTHMA AGE 18-69 W/O CC	3184	.8646	.8271	.9756
98	BRONCHITIS & ASTHMA AGE 0-17	4611	.8771	.8063	.9610
99	RESPIRATORY SIGNS & SYMPTOMS AGE >69 &/OR CC	958	.8867	.8676	.9940
100	RESPIRATORY SIGNS & SYMPTOMS AGE <70 W/O CC	925	.7951	.7762	.9847
101	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE >69 &/OR CC	710	.8623	.8395	.9900
102	OTHER RESPIRATORY SYSTEM DIAGNOSES AGE <70 W/O CC	420	.7203	.6924	.9859

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 5 : DISEASES & DISORDERS OF THE CIRCULATORY SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
	SURGICAL				
103	HEART TRANSPLANT	12	.9046	.9046	1
104	CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	45	.9496	.9447	.9900
105	CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CATH	347	.7255	.7253	.9849
106	CORONARY BYPASS W CARDIAC CATH	334	.6572	.6214	.9473
107	CORONARY BYPASS W/O CARDIAC CATH	1565	.7141	.7053	.9748
108	OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W PUMP	106	.7229	.7203	.9810
109	OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	366	.8253	.8109	.9939
110	MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP AGE >69 &/OR CC	1841	.7190	.7092	.9805
111	MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP AGE <70 W/O CC	643	.6134	.6052	.9654
112	VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION W/O PUMP	1465	.8436	.8287	.9883
113	AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPPER LIMB & TOE	795	.8898	.8749	.9908
114	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS	287	.9376	.9299	.9869
115	PERM CARDIAC PACEMAKER IMPLANT W AMI, HEART FAILURE OR SHOCK	183	.7255	.7268	.9695
116	PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	1106	.5410	.5729	.9671
117	CARDIAC PACEMAKER REPLACE & REVIS EXCEPT PULSE GEN REPLACEMENT	137	.6380	.6318	.9802
118	CARDIAC PACEMAKER PULSE GENERATOR REPLACEMENT	224	.3552	.3767	.9745
119	VEIN LIGATION & STRIPPING	751	.8079	.8011	.9913
120	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	780	.8532	.8495	.9934
	MEDICAL				
121	CIRCULATORY DISORDERS W AMI & C.V. COMP DISCH ALIVE	2985	.8295	.8073	.9840
122	CIRCULATORY DISORDERS W AMI W/O C.V. COMP DISCH ALIVE	6020	.8253	.7914	.9764
123	CIRCULATORY DISORDERS W AMI, EXPIRED	1636	.8585	.8418	.9885
124	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH & COMPLEX DIAG	1262	.8479	.8146	.9823
125	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O COMPLEX DIAG	3900	.7809	.7420	.9747
126	ACUTE & SUBACUTE ENDOCARDITIS	175	.9272	.9155	.9835
127	HEART FAILURE & SHOCK	10615	.8227	.8011	.9884
128	DEEP VEIN THROMBOPHLEBITIS	1431	.8923	.8750	.9845
129	CARDIAC ARREST, UNEXPLAINED	412	.8229	.8039	.9913
130	PERIPHERAL VASCULAR DISORDERS AGE >69 &/OR CC	2208	.8701	.8558	.9879
131	PERIPHERAL VASCULAR DISORDERS AGE <70 W/O CC	1204	.8549	.8425	.9828
132	ATHEROSCLEROSIS AGE >69 &/OR CC	2056	.8128	.7781	.9770
133	ATHEROSCLEROSIS AGE <70 W/O CC	639	.7686	.7136	.9725
134	HYPERTENSION	2705	.8614	.8368	.9899
135	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >69 &/OR CC	330	.8575	.8345	.9803

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 5 : DISEASES & DISORDERS OF THE CIRCULATORY SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
136	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 18-69 W/O CC	226	.8614	.8518	.9925
137	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17	81	.8459	.8124	.9974
138	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE >69 &/OR CC	4786	.8512	.8396	.9866
139	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS AGE <70 W/O CC	1885	.8427	.8302	.9841
140	ANGINA PECTORIS	11075	.8260	.8033	.9830
141	SYNCOPE & COLLAPSE AGE >69 &/OR CC	2067	.8819	.8610	.9888
142	SYNCOPE & COLLAPSE AGE <70 W/O CC	978	.7914	.7818	.9796
143	CHEST PAIN	4623	.7967	.7707	.9756
144	OTHER CIRCULATORY SYSTEM DIAGNOSES W CC	1250	.8237	.8061	.9885
145	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC	773	.8367	.8125	.9824

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 6 : DISEASES & DISORDERS OF THE DIGESTIVE SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
146	RECTAL RESECTION AGE >69 &/OR CC	543	.7741	.7637	.9894
147	RECTAL RESECTION AGE <70 W/O CC	201	.8981	.8965	.9853
148	MAJOR SMALL & LARGE BOWEL PROCEDURES AGE >69 &/OR CC	3120	.8064	.7956	.9886
149	MAJOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O CC	1046	.8686	.8519	.9819
150	PERITONEAL ADHESIOLYSIS AGE >69 &/OR CC	587	.8308	.8213	.9872
151	PERITONEAL ADHESIOLYSIS AGE <70 W/O CC	572	.8774	.8626	.9841
152	MINOR SMALL & LARGE BOWEL PROCEDURES AGE >69 &/OR CC	362	.9080	.8934	.9873
153	MINOR SMALL & LARGE BOWEL PROCEDURES AGE <70 W/O CC	349	.8728	.8552	.9789
154	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >69 &/OR CC	2285	.8850	.8813	.9908
155	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 18-69 W/O CC	1255	.9268	.9253	.9907
156	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	188	.8992	.8922	.9975
157	ANAL & STOMAL PROCEDURES AGE >69 &/OR CC	1320	.9111	.8964	.9914
158	ANAL & STOMAL PROCEDURES AGE <70 W/O CC	3383	.8417	.8212	.9817
159	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >69 &/OR CC	610	.8653	.8495	.9830
160	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE 18-69 W/O CC	1253	.8071	.7839	.9699
161	INGUINAL & FEMORAL HERNIA PROCEDURES AGE >69 &/OR CC	1707	.8679	.8474	.9904
162	INGUINAL & FEMORAL HERNIA PROCEDURES AGE 18-69 W/O CC	4915	.7270	.6927	.9654
163	HERNIA PROCEDURES AGE 0-17	1245	.7067	.6522	.9919
164	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG AGE >69 &/OR CC	255	.8519	.8546	.9935
165	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG AGE <70 W/O CC	544	.8841	.8771	.9694
166	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG AGE >69 &/OR CC	269	.8587	.8573	.9803
167	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG AGE <70 W/O CC	2539	.7754	.7615	.9718
168	MOUTH PROCEDURES AGE >69 &/OR CC	520	.8872	.8815	.9955
169	MOUTH PROCEDURES AGE <70 W/O CC	1116	.7979	.8048	.9859
170	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE >69 &/OR CC	451	.8301	.8179	.9929
171	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES AGE <70 W/O CC	342	.9139	.8975	.9897
MEDICAL					
172	DIGESTIVE MALIGNANCY AGE >69 &/OR CC	1145	.9096	.8972	.9894
173	DIGESTIVE MALIGNANCY AGE <70 W/O CC	224	.8812	.8729	.9947
174	G.I. HEMORRHAGE AGE >69 &/OR CC	3006	.7970	.7782	.9875
175	G.I. HEMORRHAGE AGE <70 W/O CC	1132	.8234	.8123	.9884
176	COMPLICATED PEPTIC ULCER	245	.8799	.8694	.9914
177	UNCOMPLICATED PEPTIC ULCER AGE >69 &/OR CC	562	.8683	.8436	.9885
178	UNCOMPLICATED PEPTIC ULCER AGE <70 W/O CC	611	.7938	.7839	.9701

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 6 : DISEASES & DISORDERS OF THE DIGESTIVE SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
179	INFLAMMATORY BOWEL DISEASE	777	.9155	.9085	.9889
180	G.I. OBSTRUCTION AGE >69 &/OR CC	1151	.8783	.8678	.9908
181	G.I. OBSTRUCTION AGE <70 W/O CC	807	.8878	.8691	.9818
182	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE >69 &/OR CC	8400	.8878	.8673	.9892
183	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE 18-69 W/O CC	7130	.8434	.8335	.9823
184	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE 0-17	4367	.8919	.8450	.9846
185	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE >17	573	.8300	.8198	.9952
186	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE 0-17	212	.7227	.6828	.9724
187	DENTAL EXTRACTIONS & RESTORATIONS	533	.7097	.7114	.9842
188	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >69 &/OR CC	1212	.8701	.8544	.9900
189	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 18-69 W/O CC	1032	.8267	.8233	.9884
190	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17	603	.8277	.8103	.9941

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 7 : DISEASES & DISORDERS OF THE HEPATOBILIARY SYSTEM & PANCREAS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
191	MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	331	.6861	.6625	.9916
192	MINOR PANCREAS, LIVER & SHUNT PROCEDURES	132	.8655	.8514	.9759
193	BILIARY TRACT PROC EXCEPT TOT CHOLECYSTECTOMY AGE >69 &/OR CC	273	.8966	.8772	.9871
194	BILIARY TRACT PROC EXCEPT TOT CHOLECYSTECTOMY AGE <70 W/O CC	85	.9427	.9087	.9873
195	TOTAL CHOLECYSTECTOMY W C.D.E. AGE >69 &/OR CC	591	.8480	.8261	.9872
196	TOTAL CHOLECYSTECTOMY W C.D.E. AGE <70 W/O CC	151	.7646	.7231	.9471
197	TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE >69 &/OR CC	2905	.8640	.8474	.9874
198	TOTAL CHOLECYSTECTOMY W/O C.D.E. AGE <70 W/O CC	3336	.7859	.7601	.9685
199	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY	169	.9333	.9150	.9888
200	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	233	.8915	.8779	.9934
201	OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES	110	.8236	.8210	.9941
MEDICAL					
202	CIRRHOSIS & ALCOHOLIC HEPATITIS	1033	.8298	.8201	.9925
203	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	936	.8865	.8666	.9876
204	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	2301	.8806	.8590	.9891
205	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA AGE >69 &/OR CC	969	.8754	.8538	.9878
206	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA AGE <70 W/O CC	752	.9154	.9007	.9850
207	DISORDERS OF THE BILIARY TRACT AGE >69 &/OR CC	982	.8825	.8654	.9852
208	DISORDERS OF THE BILIARY TRACT AGE <70 W/O CC	820	.8786	.8586	.9727

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 8 : DISEASES & DISORDERS OF THE MUSCULOSKELETAL SYSTEM CONN TISSUE

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
209	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	2955	.6850	.6479	.9749
210	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >69 &/OR CC	2397	.8056	.7684	.9867
211	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 18-69 W/O CC	716	.8808	.8557	.9889
212	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 0-17	328	.8296	.7976	.9829
213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TISSUE DISORDERS	169	.8889	.8698	.9928
214	BACK & NECK PROCEDURES AGE >69 &/OR CC	936	.8886	.8739	.9888
215	BACK & NECK PROCEDURES AGE <70 W/O CC	2603	.8536	.8375	.9856
216	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	266	.9355	.9184	.9759
217	WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSKELET & CONN TISS DIS	890	.9107	.8964	.9944
218	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR AGE >69 &/OR CC	523	.8357	.8143	.9899
219	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR AGE 18-69 W/O CC	1772	.8612	.8463	.9799
220	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR AGE 0-17	522	.8777	.8606	.9888
221	KNEE PROCEDURES AGE >69 &/OR CC	301	.9119	.9064	.9942
222	KNEE PROCEDURES AGE <70 W/O CC	3735	.8123	.8048	.9862
223	MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC W CC	609	.8797	.8700	.9914
224	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC, W/O CC	1389	.8086	.7903	.9874
225	FOOT PROCEDURES	4545	.7084	.6907	.9875
226	SOFT TISSUE PROCEDURES AGE >69 &/OR CC	345	.9140	.9065	.9973
227	SOFT TISSUE PROCEDURES AGE <70 W/O CC	1742	.8168	.8037	.9944
228	MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST PROC W CC	474	.8784	.8701	.9930
229	HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, W/O CC	1760	.7119	.7057	.9793
230	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF HIP & FEMUR	771	.8970	.8748	.9909
231	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR	3455	.8297	.8210	.9937
232	ARTHROSCOPY	891	.7608	.7554	.9850
233	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE >69 &/OR CC	392	.8699	.8511	.9925
234	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC AGE <70 W/O CC	983	.8501	.8338	.9916
471	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY	26	.8423	.8380	.9716
MEDICAL					
235	FRACTURES OF FEMUR	439	.9401	.9295	.9853
236	FRACTURES OF HIP & PELVIS	1061	.9126	.8940	.9808
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	86	.8947	.8584	.9789
238	OSTEOMYELITIS	259	.9538	.9456	.9888
239	PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONN TISS MALIGNANCY	1240	.8814	.8550	.9875
240	CONNECTIVE TISSUE DISORDERS AGE >69 &/OR CC	656	.8926	.8821	.9949

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
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THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 8 : DISEASES & DISORDERS OF THE MUSCULOSKELETAL SYSTEM CONN TISSUE

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
241	CONNECTIVE TISSUE DISORDERS AGE <70 W/O CC	616	.8917	.8824	.9926
242	SEPTIC ARTHRITIS	197	.9515	.9363	.9886
243	MEDICAL BACK PROBLEMS	17070	.8902	.8757	.9883
244	BONE DISEASES & SPECIFIC ARTHROPATHIES AGE >69 &/OR CC	752	.8977	.8640	.9874
245	BONE DISEASES & SPECIFIC ARTHROPATHIES AGE <70 W/O CC	402	.8835	.8625	.9917
246	NON-SPECIFIC ARTHROPATHIES	215	.9168	.9004	.9818
247	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE	747	.8772	.8560	.9834
248	TENDONITIS, MYOSITIS & BURSITIS	709	.8948	.8801	.9884
249	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	217	.9097	.8902	.9867
250	FX, SPRN, STRN & DISL OF FOREARM, HAND, FOOT AGE >69 &/OR CC	232	.8611	.8433	.9829
251	FX, SPRN, STRN & DISL OF FOREARM, HAND, FOOT AGE 18-69 W/O CC	424	.7358	.7230	.9845
252	FX, SPRN, STRN & DISL OF FOREARM, HAND, FOOT AGE 0-17	309	.7251	.7194	.9855
253	FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT AGE >69 &/OR CC	906	.9008	.8786	.9873
254	FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT AGE 18-69 W/O CC	1259	.8571	.8388	.9838
255	FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT AGE 0-17	524	.8830	.8702	.9914
256	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSES	950	.8907	.8793	.9924

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 9 : DISEASES & DISORDERS OF THE SKIN, SUBCUTANEOUS TISSUE & BREAST

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
257	TOTAL MASTECTOMY FOR MALIGNANCY AGE >69 &/OR CC	964	.8282	.8117	.9805
258	TOTAL MASTECTOMY FOR MALIGNANCY AGE <70 W/O CC	809	.6977	.6741	.9579
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY AGE >69 &/OR CC	181	.9419	.9242	.9896
260	SUBTOTAL MASTECTOMY FOR MALIGNANCY AGE <70 W/O CC	164	.8191	.8220	.9567
261	BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXCISION	1248	.7894	.7807	.9756
262	BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY	1165	.7772	.7636	.9756
263	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS AGE>69 &/OR C	811	.9264	.9205	.9918
264	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS AGE <70 W/O C	272	.9092	.9063	.9862
265	SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR CELLULITIS W CC	276	.8382	.8228	.9975
266	SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR CELLULITIS W/O C	1084	.8571	.8469	.9872
267	PERIANAL & PILONIDAL PROCEDURES	779	.7977	.7826	.9837
268	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	683	.7179	.7232	.9967
269	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE >69 &/OR CC	714	.8912	.8844	.9914
270	OTHER SKIN, SUBCUT TISS & BREAST O.R. PROC AGE <70 W/O CC	1672	.7692	.7684	.9894
MEDICAL					
271	SKIN ULCERS	498	.9313	.9219	.9912
272	MAJOR SKIN DISORDERS AGE >69 &/OR CC	312	.9013	.8881	.9856
273	MAJOR SKIN DISORDERS AGE <70 W/O CC	243	.9146	.9105	.9825
274	MALIGNANT BREAST DISORDERS AGE >69 &/OR CC	419	.9079	.9024	.9978
275	MALIGNANT BREAST DISORDERS AGE <70 W/O CC	59	.8709	.8476	.9904
276	NON-MALIGANT BREAST DISORDERS	159	.8509	.8101	.9792
277	CELLULITIS AGE >69 &/OR CC	1742	.9076	.8807	.9853
278	CELLULITIS AGE 18-69 W/O CC	1553	.8923	.8666	.9825
279	CELLULITIS AGE 0-17	568	.8990	.8654	.9796
280	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >69 &/OR CC	871	.8109	.7719	.9891
281	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 18-69 W/O CC	1214	.7308	.6558	.9950
282	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	381	.7352	.6938	.9858
283	MINOR SKIN DISORDERS AGE >69 &/OR CC	384	.8667	.8599	.9829
284	MINOR SKIN DISORDERS AGE <70 W/O CC	587	.8066	.8002	.9815

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 10 : ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES & DISORDERS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
285	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DISORDERS	86	.9264	.9055	.9909
286	ADRENAL & PITUITARY PROCEDURES	109	.8087	.7890	.9908
287	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DISORDERS	218	.9332	.9194	.9903
288	O.R. PROCEDURES FOR OBESITY	409	.8461	.8766	.9966
289	PARATHYROID PROCEDURES	120	.8574	.8360	.9880
290	THYROID PROCEDURES	955	.8184	.8018	.9886
291	THYROGLOSSAL PROCEDURES	93	.6168	.5534	.9665
292	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE >69 &/OR CC	115	.8805	.8638	.9861
293	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC AGE <70 W/O CC	76	.8165	.8050	.9788
MEDICAL					
294	DIABETES AGE >35	4250	.8579	.8365	.9874
295	DIABETES AGE 0-35	1342	.7949	.7686	.9862
296	NUTRITIONAL & MISC METABOLIC DISORDERS AGE >69 &/OR CC	3118	.8727	.8534	.9968
297	NUTRITIONAL & MISC METABOLIC DISORDERS AGE 18-69 W/O CC	636	.8497	.8342	.9858
298	NUTRITIONAL & MISC METABOLIC DISORDERS AGE 0-17	642	.9381	.9251	.9910
299	INBORN ERRORS OF METABOLISM	152	.8724	.8558	.9982
300	ENDOCRINE DISORDERS AGE >69 &/OR CC	449	.9013	.8815	.9928
301	ENDOCRINE DISORDERS AGE <70 W/O CC	398	.8642	.8403	.9832

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 11 : DISEASES & DISORDERS OF THE KIDNEY & URINARY TRACT

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
302	KIDNEY TRANSPLANT	108	.6005	.5915	.9986
303	KIDNEY,URETER & MAJOR BLADDER PROCEDURES FOR NEOPLASM	462	.8392	.8331	.9878
304	KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOPL AGE >69 &/OR CC	837	.8828	.8640	.9858
305	KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOPL AGE <70 W/O CC	1023	.8374	.8138	.9755
306	PROSTATECTOMY AGE >69 &/OR CC	325	.9115	.9024	.9931
307	PROSTATECTOMY AGE <70 W/O CC	103	.8880	.8637	.9786
308	MINOR BLADDER PROCEDURES AGE >69 &/OR CC	373	.9183	.9091	.9884
309	MINOR BLADDER PROCEDURES AGE <70 W/O CC	194	.9057	.8975	.9884
310	TRANSURETHRAL PROCEDURES AGE >69 &/OR CC	1119	.9191	.9036	.9886
311	TRANSURETHRAL PROCEDURES AGE <70 W/O CC	1189	.8570	.8357	.9764
312	URETHRAL PROCEDURES, AGE >69 &/OR CC	177	.9171	.9084	.9876
313	URETHRAL PROCEDURES, AGE 18-69 W/O CC	269	.8570	.8409	.9868
314	URETHRAL PROCEDURES, AGE 0-17	53	.8563	.8454	.9948
315	OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	654	.9079	.8953	.9933
MEDICAL					
316	RENAL FAILURE	1030	.8756	.8573	.9926
317	ADMIT FOR RENAL DIALYSIS	298	.7057	.7372	.9906
318	KIDNEY & URINARY TRACT NEOPLASMS AGE >69 &/OR CC	325	.9069	.8949	.9931
319	KIDNEY & URINARY TRACT NEOPLASMS AGE <70 W/O CC	89	.8890	.8710	.9916
320	KIDNEY & URINARY TRACT INFECTIONS AGE >69 &/OR CC	3229	.9031	.8822	.9851
321	KIDNEY & URINARY TRACT INFECTIONS AGE 18-69 W/O CC	1606	.8922	.8745	.9791
322	KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	502	.8822	.8438	.9947
323	URINARY STONES AGE >69 &/OR CC, &/OR ESW LITHOTRIPSY	997	.8908	.8777	.9961
324	URINARY STONES AGE <70 W/O CC	2220	.8451	.8247	.9822
325	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >69 &/OR CC	596	.9073	.8898	.9855
326	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 18-69 W/O CC	338	.8280	.8208	.9810
327	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17	84	.8877	.8562	.9938
328	URETHRAL STRICTURE AGE >69 &/OR CC	194	.9160	.9053	.9897
329	URETHRAL STRICTURE AGE 18-69 W/O CC	137	.8547	.8540	.9925
330	URETHRAL STRICTURE AGE 0-17	24	.8224	.8071	.9689
331	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >69 &/OR CC	966	.8957	.8785	.9880
332	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 18-69 W/O CC	579	.8296	.8109	.9848
333	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17	174	.8441	.8074	.9900

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 12 : DISEASES & DISORDERS OF THE MALE REPRODUCTIVE SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
334	MAJOR MALE PELVIC PROCEDURES W CC	186	.8425	.8014	.9825
335	MAJOR MALE PELVIC PROCEDURES W/O CC	296	.7943	.7603	.9426
336	TRANSURETHRAL PROSTATECTOMY AGE >69 &/OR CC	2579	.8851	.8646	.9873
337	TRANSURETHRAL PROSTATECTOMY AGE <70 W/O CC	1223	.7632	.7396	.9678
338	TESTES PROCEDURES, FOR MALIGNANCY	259	.9309	.9149	.9888
339	TESTES PROCEDURES, NON-MALIGNANCY AGE >17	1016	.7895	.7787	.9950
340	TESTES PROCEDURES, NON-MALIGNANCY AGE 0-17	541	.6888	.6634	.9509
341	PENIS PROCEDURES	733	.7101	.7063	.9784
342	CIRCUMCISION AGE >17	162	.8105	.8066	.9851
343	CIRCUMCISION AGE 0-17	48	.4414	.4781	.9720
344	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROCEDURES FOR MALIGNANCY	109	.9242	.9129	.9908
345	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT FOR MALIGNANCY	125	.8685	.8648	.9972
MEDICAL					
346	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE >69 &/OR CC	461	.9145	.8989	.9906
347	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, AGE <70 W/O CC	102	.9034	.8829	.9849
348	BENIGN PROSTATIC HYPERTROPHY AGE >69 &/OR CC	347	.9063	.8929	.9945
349	BENIGN PROSTATIC HYPERTROPHY AGE <70 W/O CC	209	.7813	.7732	.9898
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	599	.8883	.8746	.9841
351	STERILIZATION, MALE	30	.5697	.5973	.9987
352	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES	181	.8318	.8055	.9894

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 13 : DISEASES & DISORDERS OF THE FEMALE REPRODUCTIVE SYSTEM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RADICAL VULVECTOMY	113	.8791	.8684	.9958
354	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG AGE >69 &/OR C	242	.8638	.8421	.9908
355	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG AGE <70 W/O CC	395	.7707	.7143	.9521
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	1733	.8146	.7854	.9734
357	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIG	304	.8936	.8770	.9887
358	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY AGE >69 &/OR CC	2113	.8357	.8099	.9880
359	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY AGE <70 W/O CC	10111	.7513	.7228	.9560
360	VAGINA, CERVIX & VULVA PROCEDURES	1189	.7830	.7768	.9879
361	LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	1901	.7584	.7602	.9825
362	ENDOSCOPIC TUBAL INTERRUPTION	304	.6044	.6371	.9767
363	D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	327	.8942	.8645	.9893
364	D&C, CONIZATION EXCEPT FOR MALIGNANCY	2239	.7058	.7052	.9797
365	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	448	.9047	.8987	.9935
MEDICAL					
366	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE >69 &/OR CC	340	.9157	.9007	.9865
367	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM AGE <70 W/O CC	148	.7024	.7027	.9856
368	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	1787	.8831	.8641	.9711
369	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	1274	.8754	.8649	.9894

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 14 : PREGNANCY, CHILDBIRTH & THE PUERPERIUM

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
370	CESAREAN SECTION W CC	2317	.7714	.7490	.9849
371	CESAREAN SECTION W/O CC	10366	.5816	.5707	.9819
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C	2315	.5527	.5214	.9511
375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C	28	.8777	.8717	.9934
377	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE	287	.8173	.8065	.9900
381	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	4438	.6524	.6591	.9801
MEDICAL					
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	2982	.7796	.7545	.9822
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	37454	.6088	.5824	.9540
376	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	549	.8096	.7933	.9882
378	ECTOPIC PREGNANCY	1265	.7549	.7482	.9772
379	THREATENED ABORTION	1342	.8284	.8193	.9869
380	ABORTION W/O D&C	1350	.6185	.6156	.9807
382	FALSE LABOR	1031	.3311	.3420	.9835
383	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS	2933	.8331	.8154	.9832
384	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	1363	.8020	.7924	.9877

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 15 : NEWBORNS & OTHER NEONATES W CONDITION ORIGINATING IN PERINATAL PERIOD

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
385	NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1121	.8872	.8790	.9987
386	EXTREME IMMATURITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	828	.9460	.9396	.9975
387	PREMATURITY W MAJOR PROBLEMS	1026	.9273	.9230	.9988
388	PREMATURITY W/O MAJOR PROBLEMS	1436	.9272	.9238	.9967
389	FULL TERM NEONATE W MAJOR PROBLEMS	4756	.8246	.8245	.9974
390	NEONATE W OTHER SIGNIFICANT PROBLEMS	5913	.8087	.8075	.9959
391	NORMAL NEWBORN	42388	.8131	.8238	.9837

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
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THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 16 : DISEASES & DISORDERS OF BLOOD & BLOOD FORMING ORGANS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
392	SPLENECTOMY AGE >17	180	.7444	.7299	.9973
393	SPLENECTOMY AGE 0-17	38	.7005	.6623	.9942
394	OTHER O.R. PROCEDURES OF THE BLOOD AND BLOOD FORMING ORGANS	391	.8744	.8738	.9988
MEDICAL					
395	RED BLOOD CELL DISORDERS AGE >17	2727	.8579	.8481	.9933
396	RED BLOOD CELL DISORDERS AGE 0-17	266	.9119	.8973	.9995
397	COAGULATION DISORDERS	454	.8225	.8118	.9949
398	RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE >69 &/OR CC	444	.8638	.8406	.9873
399	RETICULOENDOTHELIAL & IMMUNITY DISORDERS AGE <70 W/O CC	344	.8724	.8507	.9868

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 17 : MYELOPROLIFERATIVE DISORDERS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
400	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE	409	.8866	.8816	.9950
401	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W CC	197	.9053	.8970	.9969
402	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W/O CC	312	.8622	.8535	.9853
406	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R.PROC W CC	203	.8658	.8590	.9970
407	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R.PROC W/O CC	111	.9042	.8937	.9836
408	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R.PROC	542	.8997	.8896	.9925
MEDICAL					
403	LYMPHOMA & NON-ACUTE LEUKEMIA W CC	812	.8563	.8487	.9936
404	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	731	.8404	.8228	.9917
409	RADIOTHERAPY	274	.9000	.8893	.9861
410	CHEMOTHERAPY	4764	.8078	.7970	.9883
411	HISTORY OF MALIGNANCY W/O ENDOSCOPY	192	.8582	.8406	.9984
412	HISTORY OF MALIGNANCY W ENDOSCOPY	111	.8638	.8604	.9922
413	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG AGE>69 &/OR CC	589	.9186	.9043	.9863
414	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG AGE<70 W/O CC	189	.8431	.8150	.9845
405	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE 0-17	81	.9455	.9503	.9992
473	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE >17	335	.9184	.9157	.9925

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
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THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 18 : INFECTIOUS & PARASITIC DISEASES

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
415	O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEASES	741	.8640	.8555	.9915
MEDICAL					
416	SEPTECEMIA AGE >17	1583	.8314	.8119	.9902
417	SEPTECEMIA AGE 0-17	284	.8874	.8581	.9918
418	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	495	.9099	.8995	.9815
419	FEVER OF UNKNOWN ORIGIN AGE >69 &/OR CC	560	.8502	.8167	.9899
420	FEVER OF UNKNOWN ORIGIN AGE 18-69 W/O CC	210	.8528	.8266	.9887
421	VIRAL ILLNESS AGE >17	965	.8672	.8410	.9888
422	VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17	1521	.8693	.8240	.9874
423	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	395	.9305	.9107	.9902

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 19 : MENTAL DISEASES & DISORDERS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
424	O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	376	.8938	.8670	.9856
MEDICAL					
425	ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	960	.9268	.9036	.9881
426	DEPRESSIVE NEUROSES	2858	.9456	.9360	.9894
427	NEUROSES EXCEPT DEPRESSIVE	768	.9673	.9580	.9924
428	DISORDERS OF PERSONALITY & IMPULSE CONTROL	567	.9640	.9558	.9936
429	ORGANIC DISTURBANCES & MENTAL RETARDATION	1067	.9255	.9053	.9877
430	PSYCHOSES	8363	.9575	.9416	.9903
431	CHILDHOOD MENTAL DISORDERS	395	.9475	.9353	.9867
432	OTHER MENTAL DISORDER DIAGNOSES	197	.9785	.9731	.9986

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 20 : SUBSTANCE USE & SUBSTANCE INDUCED ORGANIC MENTAL DISORDERS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
433	ALCOHOL/DRUG USE & INDUCED ORGANIC MENTAL DISORDERS, LEFT AMA	823	.8436	.8362	.9901
434	ALC/DRUG ABUSE,INTOX,INDUCE MNTL SYN EXC DEPND &/OR OTH SYMPT TR	717	.9170	.9119	.9910
435	ALC/DRUG DEPENDENCE, DETOX &/OR OTHER SYMPTOMATIC TREATMENT	7761	.8621	.8514	.9920
436	ALC/DRUG DEPENDENCE W REHABILITATION THERAPY	18	.9491	.9083	.9885
437	ALC/DRUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY	12	.9422	.9715	.9813

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 21 : INJURIES, POISONINGS & TOXIC EFFECTS OF DRUGS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
439	SKIN GRAFTS FOR INJURIES	132	.9058	.8927	.9976
440	WOUND DEBRIDEMENTS FOR INJURIES	458	.9091	.8923	.9872
441	HAND PROCEDURES FOR INJURIES	261	.7223	.7284	.9923
442	OTHER O.R. PROCEDURES FOR INJURIES AGE >69 &/OR CC	1151	.8450	.8327	.9940
443	OTHER O.R. PROCEDURES FOR INJURIES AGE <70 W/O CC	997	.8769	.8686	.9867
MEDICAL					
444	MULTIPLE TRAUMA AGE >69 &/OR CC	395	.8779	.8656	.9949
445	MULTIPLE TRAUMA AGE 18-69 W/O CC	570	.7914	.7686	.9723
446	MULTIPLE TRAUMA AGE 0-17	207	.8527	.8222	.9906
447	ALLERGIC REACTIONS AGE >17	195	.8441	.8335	.9849
448	ALLERGIC REACTIONS AGE 0-17	47	.8673	.8224	.9648
449	POISONING & TOXIC EFFECTS OF DRUGS AGE >69 &/OR CC	1630	.8487	.8250	.9930
450	POISONING & TOXIC EFFECTS OF DRUGS AGE 18-69 W/O CC	1999	.7409	.7255	.9888
451	POISONING & TOXIC EFFECTS OF DRUGS AGE 0-17	948	.8828	.8657	.9930
452	COMPLICATIONS OF TREATMENT AGE >69 &/OR CC	625	.8522	.8381	.9881
453	COMPLICATIONS OF TREATMENT AGE <70 W/O CC	628	.8691	.8556	.9911
454	OTHER INJURY, POISONING & TOXIC EFF DIAG AGE >69 &/OR CC	235	.8093	.7740	.9810
455	OTHER INJURY, POISONING & TOXIC EFF DIAG AGE <70 W/O CC	219	.7655	.7355	.9856

Appendix 5

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 22 : BURNS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
458	NON-EXTENSIVE BURNS W SKIN GRAFT	244	.9138	.9066	.9990
459	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC	152	.8777	.8581	.9905
472	EXTENSIVE BURNS W O.R. PROCEDURE	23	.8516	.8493	.9999
MEDICAL					
457	EXTENSIVE BURNS W/O O.R. PROCEDURE	5	.3214	.0624	.9571
460	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	563	.9188	.8955	.9975
456	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	17	.8593	.8176	.9995

CORRELATION COEFFICIENTS BETWEEN LOG(LOS) AND LOG(ADJ CHARGE),
BETWEEN LOG(LOS) AND LOG(CHARGE), AND BETWEEN ADJ CHARGE AND CHARGE
THE 1984 MARYLAND HOSPITAL DISCHARGE DATA BASE

MAJOR DIAGNOSTIC CATEGORY 23 : FACTORS INFLUENCING HLTH STAT & OTHR CONTACTS WITH HLTH SERVCS

DRG NUM	DESCRIPTION	NUM PATS	LOG(LOS) LOG(ADJ CHG)	LOG(LOS) LOG(CHG)	ADJ CHG CHG
SURGICAL					
461	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERV'CES	423	.8885	.8876	.9944
MEDICAL					
462	REHABILITATION	38	.9453	.9406	.9995
463	SIGNS & SYMPTOMS W CC	333	.9093	.8874	.9866
464	SIGNS & SYMPTOMS W/O CC	304	.8947	.8760	.9909
465	AFTERCARE W HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	65	.7241	.7203	.9879
466	AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	185	.8332	.8076	.9867
467	OTHER FACTORS INFLUENCING HEALTH STATUS	1057	.7231	.7279	.9955

Appendix 6

Improving DRGs: Use of Procedure Codes for Assisted Respiration to Adjust for Complexity of Illness

Running Head: Assisted Respiration Adjustments for DRGs

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Key words: procedure codes, DRG modification, tracheostomy, assisted respiration, complexity of illness, severity of illness

Improving DRGs: Use of Procedure Codes for Assisted Respiration to Adjust for Complexity of Illness

Abstract

Medicare's Diagnosis Related Groups (DRGs) payment system has been criticized for not making adequate allowances for severity of illness differences within DRGs. The respiratory diseases Major Diagnostic Category (MDC) has been a particular target, and we therefore examined the ability of several procedure codes which identify patients with assisted respiration (temporary tracheostomy, endotracheal intubation, and mechanical respiratory assistance) to identify high cost patients in that MDC, using total charges as the dependent variable in a 10% sample of Medicare hospital discharges from 1985. We found a consistent and strong association between the procedures and total charges for both Medicare "outliers" and "non-outliers." Patients with either intubation or mechanical respiratory assistance had average charges two to three times higher, and patients with tracheostomy four to five times higher, than patients without assisted respiration. Patients with assisted respiration tended to resemble each other more than they resembled the other patients in their respective DRGs without assisted respiration. These findings provide the basis for recent revisions in Medicare's classification scheme for the respiratory diseases MDC.

Although Diagnosis Related Groups (DRGs) have revolutionized the Medicare payment system, they have been criticized as inadequately providing for differences in severity.[1] It is argued that a) within many DRGs there is a great deal of variation in severity - and therefore a wide range of need for hospital resources - and b) since some hospitals (especially urban teaching and tertiary care hospitals) are more likely to care for the more severely ill, there will be a maldistribution of reimbursements under the case-based prospective payment system. Hospitals with the sickest patients will be penalized because DRGs don't reflect the greater costs of caring for those patients.

The DRG system - or Prospective Payment System (PPS), as it is officially called - deals with the severity issue by subdividing some diagnosis-related groups based on whether or not they have at least one secondary diagnosis from the "CC" list of co-morbidities and complications. The CC list is quite long (2,979 diagnosis codes) and, with a few exceptions, applies throughout the DRG system.[2] (Effective in October, 1987, the CC list was refined somewhat to become more specific to the principal diagnosis and eliminate redundant coding. For example, secondary diagnoses which are closely related to the principal diagnosis, symptoms of the principal diagnosis, or identical to the principal diagnosis in an anatomically proximal site are no longer considered CCs for that principal diagnosis[3].)

DRG 87, entitled "Respiratory Failure and Pulmonary Edema", exemplifies the problems of complexity of illness within DRGs. As is true for many diagnostic codes in the ICD-9-CM classification system, a broad spectrum of illness can be subsumed under this one diagnostic grouping. "Respiratory failure" can include a patient with a moderately severe decompensation of chronic obstructive lung disease, as well as a patient with a profound and life-threatening acute deterioration resulting in refractory hypoxemia. Although the first patient might require only oxygen, bronchodilators, antibiotics and fluids, and the second might require all of those therapies plus prolonged support on a mechanical respirator in an intensive care unit, and perhaps even a temporary tracheostomy, the hospital will collect the same payment for both patients because they fall into the same DRG.

If hospitals all admit the same "mix" of respiratory failure cases, these differences in complexity will average out. If, however, some hospitals admit a disproportionate share of patients with the most severe decompensation who require ventilatory assistance, then the Medicare prospective payment system will discriminate against them.

DRG 87 belongs to Major Diagnostic Category number 4 (MDC 4), Diseases and Disorders of the Respiratory System, which is second only to cardiovascular diseases in the number of discharges per year for Medicare patients. Within many of the other DRGs in this MDC, variation in both length of stay and total hospital charges has also been quite large, and MDC 4 has therefore been a major focus of proposals to make severity adjustments in DRGs.

A number of proposals have been offered to improve the performance of the PPS, some of which would completely discard DRGs,[4,5] while others would add modifiers the DRG system to better account for differences in complexity.[6,7] Of those proposals to modify DRGs, some require only information available on the computerized uniform hospital bill which is submitted for payment to Medicare's fiscal intermediaries, and which provides all the information needed for DRG assignments[7] (The uniform hospital bill contains the principal diagnosis, secondary diagnoses and procedures, plus the patient's age, gender, discharge status and certain financial information). Other proposals require clinical and laboratory information from the hospitalization, which unfortunately can only be obtained by an audit of the medical record for each discharged Medicare patient. This would add considerably to administrative costs, and would require changes in procedures in medical records departments throughout the country.

The results presented in this paper were part of a larger project currently underway to revise DRGs by identifying factors associated with more complicated, and therefore more costly, hospital care. We confined our investigation to information available on the computerized hospital discharge abstract in order to avoid the need for intensive medical record review. We focused our efforts on DRG 87, as well as the other DRGs in MDC 4.

MDC 4 contains a total of 28 DRGs: three for patients undergoing surgical procedures generally performed in an operating room (OR procedures), and the remaining 25 for patients with "medical" illness.

DRG 87 has the second highest average cost per admission among the medical group of DRGs.

We hypothesized that the presence in the hospital discharge abstract of any one of several procedure codes which identify the use of assisted respiration - endotracheal intubation, mechanical respiratory assistance and temporary tracheostomy (which are generally not done in an operating room and are therefore known as "non-OR" procedures) - would be associated with substantially higher hospital costs and lengths of stay. The results which we report here were impressive not only for DRG 87, but also for the entire respiratory diseases MDC. As a consequence, HCFA has created two new high-cost DRGs for MDC 4. These were outlined in the Federal Register of September 1, 1987,[8] and implemented October 1, 1987.

METHODS

We obtained a 10% sample of data from HCFA's Medicare Provider Analysis and Review (MEDPAR) file - which contains the computerized records of all Medicare hospital discharges - for MDC 4 for fiscal year 1985. From a total of 129,578 records with a respiratory diseases principal diagnosis code, we removed 300 because of incomplete or faulty coding.

We examined each DRG in MDC 4 to identify patients who had had any of the procedures endotracheal intubation (ICD-9-CM procedure code 96.09), mechanical respiratory assistance (code 93.92), or temporary tracheostomy (31.1). We also identified patients with permanent tracheostomy (31.29) - an OR procedure - within the three surgical DRGs only.

For each DRG and for the MDC as a whole, we examined the relationship of these procedures, both individually and in combination, with mean total charges, mean length of stay and, because medians were not available to us, with geometric mean length of stay. We also examined the relationship between assisted respiration and whether or not patients met HCFA's "length of stay outlier" criteria. Patients who require especially prolonged hospitalization are designated "outliers" and, in addition to the basic DRG payment, bring the hospital an adjusted per diem payment for hospital days which exceed the outlier criteria.

Medicare also makes provision for atypically expensive patients, known as "cost outliers", which do not meet the length of stay outlier criteria. Cost outliers represent only 15% of all Medicare outliers; their identification requires detailed information on individual hospital characteristics and extensive modeling of payment formulae. Accordingly, they could not be included in this analysis.

Payments for outliers are limited to between five and six percent of total Medicare hospital payments, and the qualifying criteria are therefore quite high. For example, a patient with a diagnosis of respiratory failure must stay in the hospital for 24 days before meeting the length of stay outlier criteria. This leaves considerable room for variation within the group of non-outlier patients.

We performed data analysis using the Yale Computer Center's main frame computer. We performed statistical analysis using the Statistical Analysis System (SAS)[10] and determined R-square values using general linear models procedure to measure variance reduction in length of stay and total charges.

RESULTS

Table one shows the results for DRG 87 (pulmonary edema and respiratory failure) after excluding the 565 patients who are Medicare length of stay (LOS) outliers. The sample contains almost 9,800 non-outlier patients in this DRG with a geometric mean LOS of six days and average charges of $6,243. Removing the 503 patients with any of the three procedures reduced the average charge by over $500.00, although the geometric mean length of stay changed little. More importantly, these procedures identified a small group of patients with impressively greater lengths of stay and charges. The 260 patients with mechanical respiratory assistance and the 286 patients with endotracheal intubation had similar average lengths of stay of about eight days. Moreover, their average charges were more than twice as high as those of patients with no procedure. As would be expected, the 57 patients who received a temporary tracheostomy had even higher lengths of stay and charges. Since many patients had more than one of the procedures coded, the numbers total to only 503.

Figure 1 shows DRG 87 patients stratified by the presence and type of assisted ventilation. The most costly group contains all tracheostomy patients. The second group contains patients with intubation and/or respiratory assistance (combined because of their similar lengths of stay and mean charges), but without tracheostomy. The third group contains patients without an assisted respiration procedure. This stratification explains 10.7% of the variance in charges for non-outliers in this DRG.

Table 2 shows that procedure codes had important effects among the length of stay outliers as well. Mean charges for patients with intubation or mechanical respiratory assistance were nearly $6000 higher than patients with no procedure. The association between tracheostomy and outlier status was particularly striking. Tracheostomy patients had average costs over twice as high as outliers with no procedures. Over a quarter of the outlier patients had a tracheostomy, compared to less than 1% of non-outliers. R-square for charges among outliers was .256. Most of the patients in the DRG (outliers and non-outliers combined) who had a tracheostomy were in fact outliers (150 out of 207, or 72%).

Having examined DRG 87, we turned our attention to the remainder of the respiratory diseases MDC and found similar results. Table 3 shows the results of similar stratifications for selected DRGs in MDC 4, with outliers again removed. Although assisted ventilation separated out high resource users throughout the MDC, we display results only for those DRGs with more than 20 cases combined. The results of the stratification are quite similar for all DRGs, and in fact the patients with either intubation or mechanical ventilatory assistance resemble each other across the MDC much more than they resemble the other patients in their respective DRGs. The same finding is true of patients with temporary tracheostomy; except for a small number of patients in DRGs 96 and 101, they tend to have average charges in the $25,000.00 range. Surgical patients tend to have even higher charges, as would be expected.

Figure 2 shows the revised version of MDC 4 which has been adopted by HCFA as a result of these analyses, in which the surgical and medical DRGs are modified in two ways. First, the group of all patients with temporary or permanent tracheostomy are assigned to a separate DRG, and given a new DRG number of 474. Then the group of all patients with either intubation or mechanical ventilatory assistance, but not tracheostomy, are removed from the medical side only (DRGs 78-102) and combined into another new DRG, numbered 475 (removing patients with mechanical respiration from the surgical DRGs was not justified since their number was small and mean charges were not much different from those of patients without assisted respiration).

These modifications produce substantial variance reduction for total hospital charges within the MDC. If we confine the analysis to patients who were non-outliers under the pervious configuration of DRGs (that is, if we remove the outliers), we find that the R-square improves by 35%, from .123 (produced by the old DRGs) to .166 (produced by the old DRGS plus the two new DRGs).

The impact of the two new DRGs is actually even greater, however. If some high-cost patients are removed from several DRGs and assigned to a new DRG, the new DRG will have a higher average length of stay, and therefore a higher outlier cut-off point. Many patients in the new DRG who were outliers in their old DRGs will become non-outliers when reassigned. The new DRGs, 474 and 475, in fact contain many high-cost, long length of stay patients, many of whom were formerly outliers. The ability of the new DRGS to "capture" these high-cost patients causes a

substantial reduction in variance within the MDC. In a separate analysis (unpublished) using the new DRG configuration on MEDPAR data for MDC 4 from 1986, we found an R-square of .357 for hospital charges for all patients in MDC 4 (including outliers), and .459 when outliers were excluded.

DISCUSSION

The use of procedure codes which identify assisted ventilation to modify MDC 4 has a number of advantages. First, the procedure codes are available on the computerized hospital discharge abstract, and would therefore not require an additional chart audit. Second, they identify patient groups which are more homogeneous with respect to resource use. This results in greater statistical power, greater predictive ability, and a more appropriate distribution of payments. The third advantage is that these procedures serve as markers or surrogates for severity of respiratory decompensation. As presently constructed, the ICD-9-CM coding system frequently contains insufficient information about the stages of illness to capture differences in severity and resource use.

Another advantage of procedures over diagnoses is in the precision and reproducibility of coding. The translation of a patient's illness into a diagnostic code for the purposes of hospital reimbursement is a process which requires several steps, and therefore provides several opportunities for error. In the first step in this process, the illness must be given a label or diagnosis, which is subject to the vagaries of physician habit and preference, and inter- and intraobserver variability. This varia-

bility is a large problem for the assignment of a principal diagnosis, and could be at least as great a problem for secondary diagnoses.

Once diagnostic labels are assigned, they must then be recorded, either by the physician who fills out the discharge abstract or, if the physician omits the diagnosis, by a medical records clerk who finds evidence for the diagnosis in the body of the hospital record. The diagnosis must then be assigned an ICD-9 CM code, another potential source of error.

The identification of a procedure is much simpler by comparison, and much less prone to the variability that results from disagreements among doctors, and among medical records personnel. The procedure either was or was not done, and evidence is concrete and fairly easily found.

In another paper[11] we discuss several potential disadvantages of employing non-OR procedures for the modification of DRGs. Among them are 1) lack of consensus on the clinical indications for procedure or for its timing, 2) a potential for wide ranges in practice patterns, with region-specific and physician-specific variability, and 3) as a consequence, a potential for perverse economic incentives which could unnecessarily increase the number of procedures performed.

Although a lack of clinical concensus and a potential for perverse economic incentives renders many (and perhaps most) non-OR procedures impractical as DRG modifiers, the procedures we have examined should be free from these disadvantages. There is substantial agreement about the indications and timing of intubation and the use of mechanical ventilatory assistance among physicians nationwide. The seriousness of these

procedures makes it unlikely that perverse economic incentives would operate. Similarly, although there is some variation in physician practice on the timing of temporary tracheostomy following intubation, physicians would generally be reluctant to do a tracheostomy unless there was little chance of early extubation in the first place.

Further analyses may identify other non-OR procedure codes potentially useful as indicators of the complexity of hospital care within DRGs. Before they are adopted as modifiers of the DRG payment system, procedure codes should, at a minimum, meet the following criteria: 1) the procedure code should capture intra-DRG variation clearly better than adjustments based on secondary diagnosis codes alone; 2) there should be general agreement on the timing and indications for the procedure; and 3) there should be a minimum of associated perverse economic incentives.

CONCLUSIONS

The presence of certain procedure codes which indicate that a patient required assisted ventilation, namely temporary or permanent tracheostomy, mechanical ventilatory assistance, or endotracheal intubation, identify distinct subgroups of patients in MDC 4 with very high charges and lengths of stay. The impact is greater in some DRGs than in others, but patients with these procedures tend to resemble each other more than they do the other patients in the DRGs they would have otherwise been assigned to. These procedures also identified distinct groups of Medicare outliers: the correlation of tracheostomy with outlier status was particularly striking. These procedures serve as valuable and inexpensive indicators

of complex and resource-intensive hospital care within DRGs, and can be used to modify the Medicare payment schedule.

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Table 1

Effect of Intubation, Respirator Use, and Temporary Tracheostomy

in DRG 87 - Pulmonary Edema and Respiratory Failure

(Non-Outliers Only)

	No.	GM LOS	(S.D.)	Mean Charges	(S.D.)
All Patients	9758	6.09	(5.20)	$6,243	(6,055)
Patients with No Assisted Respiration	9255	5.99	(5.09)	$5,857	(5,468)
Mechanical Respiratory Assistance	260	8.05	(5.66)	$11,877	(8,696)
Endotracheal Intubation	286	7.99	(6.06)	$12,467	(9,658)
Temporary Tracheostomy	57	15.72	(5.66)	$26,758	(13,771)

Note: Some patients had two or even three procedure codes, and are counted in more than one row. GM LOS = geometric mean length of stay. S.D. = standard deviation.

Table 2

Mean Charges for Outlier Patients in DRG 87

Stratified by Type of Assisted Respiration

	No.	Mean Charges	S.D.
No Assisted Respiration	370	$29,353	(20,947)
Endotracheal Intubation or Mechanical Respiratory Assistance only	45	$35,264	(21,822)
Tracheostomy	150	$64,087	(36,122)
Total Outliers	565	$39,045	(29,974)

R^2 for charge = .256

Table 3

Effect of Tracheostomy and Assisted Respiration on Selected DRGs within MDC 4 - Non-Outliers Only

DRG	All Patients		Patients without Assisted Respiration		Mechanical Respiratory Assistance or Endotracheal Intubation		Temporary or Permanent Tracheostomy	
	N	Average Charge	N	Average Charge	N	Average Charge	N	Average Charge
SURGICAL								
75-Major Chest Procedures	2,556	$11,721	2,513	$11,523	26	$13,549	17	$38,266
76-Other Chest Procedures with CC	942	$8,109	884	$7,240	3	$15,496	47	$20,458
MEDICAL								
78-Pulmonary Embolism	2,766	$5,968	2,792	$5,890	19	$11,049	5	$29,255
79-Respiratory Infections	5,987	$7,089	5,840	$6,851	116	$13,653	31	$27,255
82-Resiratory Neoplasms	9,685	$4,288	9,647	$4,246	29	$13,305	9	$20,804
87-Respiratory Failure	9,758	$6,243	9,255	$5,857	446	$11,622	57	$26,758
88-COPD	16,696	$4,221	16,596	$4,171	91	$11,143	9	$25,265
89-Pneumonia with CC	32,845	$4,515	32,629	$4,460	190	$10,629	26	$29,005
96-Bronchitis and Asthma	17,857	$3,415	17,801	$3,390	49	$11,371	7	$10,102
101-Other Respiratory	2,783	$3,246	2,759	$3,210	18	$6,991	6	$8,329

Figure 1. DRG 87 stratified into three groups based on tracheostomy, respiratory assistance or intubation, or no procedure (non-outliers only). R^2 for charges = .107. GM LOS = geometric mean length of stay. CHG = mean charges. MRA = mechanical respiratory assistance.

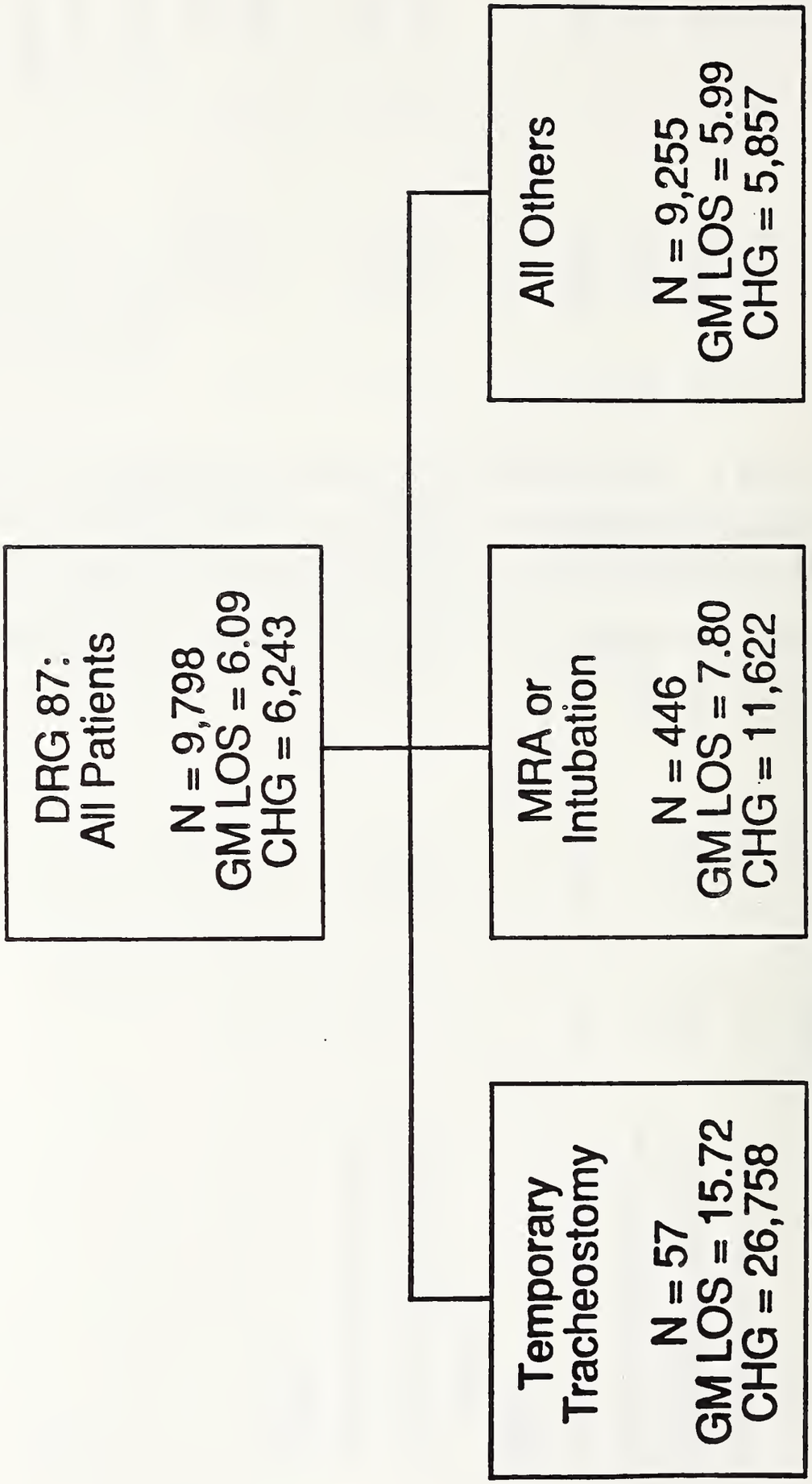
DRG 87:
All Patients
N = 9,798
GM LOS = 6.09
CHG = 6,243
Temporary
Tracheostomy
N = 57
GM LOS = 15.72
CHG = 26,758
MRA or
Intubation
N = 446
GM LOS = 7.80
CHG = 11,622
All Others
N = 9,255
GM LOS = 5.99
CHG = 5,857

Figure 2. Revised scheme for MDC 4, Diseases and Disorders of the Respiratory System. R^2 for this scheme = .166, compared to.123 for DRG's as formerly structured. (N = number of patients, $ = mean charges.)

Appendix 7

IMPROVING DRGS: THE "EARLY DEATH" VARIABLE

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ABSTRACT

Medicare's DRG payment system is widely perceived as unfair because of wide ranges in the cost of care within individual payment groups. As part of a project to develop adjustments for complexity of illness within DRGs, we examined the effect of separating out patients with early in-hospital death among medical patients with circulatory and respiratory disease diagnoses in Maryland hospitals in 1985. For patients with myocardial infarction who died within two days of admission, mean hospital charges were $2,104, compared to $4,879 for the entire group of MI patients. Findings were similar for other circulatory diseases DRGs: charges for patients with early death were substantially lower than those for other patients in the same DRG, and consistently resembled those of patients with early death in other DRGs. The same pattern emerged among respiratory disease DRGs as well, except that patients with early death and a diagnosis of cancer had even lower mean charges. We propose new DRGs for patients with early in-hospital death from circulatory and respiratory diseases, and possibly another new DRG for those with a respiratory neoplasm and early death. These new DRGs will improve the accuracy and fairness of the DRG system.

Medicare's Diagnosis Related Groups (DRG) payment system is widely perceived as being unfair, because there is so much variation in the cost of care within individual DRGs. Whether or not this perception is accurate, it must be dealt with. If hospital administrators believe that they are systematically underpaid for certain types of patients, they might attempt to discourage those types of admissions or encourage their transfer to other hospitals. The result would be neither equity or efficiency in the care of Medicare patients[1].

Some reimbursement experts believe DRGs are irrevocably flawed and should be removed from the payment system altogether[2]. Others think the flaws are correctable, and have offered proposals which would adjust for complexity of illness differences within DRGs, and thereby make the payment system more accurate. For example, Gonnella's Disease Staging system assigns patients to one of several stages within DRGs, based on their patterns of coexisting diagnoses and their realtionship to the principal diagnosis. Disease Staging, like DRGs, uses only the diagnosis codes listed on the computerized billing abstract, and therefore could be implemented in large automated data systems with relatively little added cost[3,4].

Two other systems, MEDISGROUPS and the Computerized Severity of Illness Index (CSI), assign severity of illness scores within DRGs according to the presence of certain important clinical and laboratory variables, such as the hematocrit, blood pressure or the need for blood transfusions[5,6]. The latter two systems require an audit of the medical record for each discharged patient in order to assign the severity score or stage, and therefore would add considerably to administrative

costs if they were to be added to the Medicare payment system. So far, none of these systems have been shown to provide dramatic improvments in payment distribution when compared to DRGs alone[7,8].

One factor which might be useful to modify DRGs, and which does not require a chart audit for its determination, is the presence of in-hospital death. Although its effect was examined extensively in the development of the current version of DRGs, in-hospital death only appears twice: once among the DRGs for neonates, and again among patients with acute myocardial infarction (where it was found to be associated with a substantially shorter length of stay, as might be expected).

While in-hospital death appears to be a plausible modifier of DRGs, its usefulness is severely limited because the range in the complexity (and cost) of care given to patients who die in hospital is quite broad. For example, some patients are admitted only for terminal care and therefore receive no major diagnostic or therapeutic interventions, and generate relatively few costs. More often, in-hospital death occurs after major, technologically-intensive and expensive interventions such as admission to an intensive care unit, mechanical ventilation, administration of recently developed and expensive antibiotics, insertion of temporary pacemakers, and so on. In the latter cases, the cost of the admission will vary widely, depending on the length of the hospital stay and the intensity of rescusitative efforts.

In the case of acute myocardial infarction, for example, those patients who die in hospital will all receive intensive care, which in many cases will be protracted and very resource intensive. We can envision a bi-modal distribution of hospital costs and length of stay for

these patients. First would be a group of patients who are admitted in an unstable condition - with cardiogenic shock, for example - or who become unstable promptly after admission from pump failure or a refractory arrhythmia, and then die early on after a rapid downhill course. The second part of the distribution would contain patients who die later during the admission, and who could fit one of two patterns: a) those who are admitted in a relatively stable condition but who subsequently worsen abruptly due to reinfarction, congestive heart failure or another in-hospital "catastrophe" such as a ventricular tachyarrhythmia; or b) patients who are unstable on admission but who respond to intensive treatment at first, only to deteriorate and die later during the hospitalization.

Patients who die early on may have very expensive treatment during the few hours or days that they are in the hospital, but will cost much less in total than similar patients who die later in their hospital course. This type of pattern is plausible for many other DRGs. The average cost of care for all patients who died in a particular DRG may not be different from the average for patients who did not die, because of the effect of averaging the low cost early-death patients with higher cost later-death patients.

The purpose of the present study, which was part of a larger project to develop adjustments for complexity of illness differences within DRGs, was to examine the effect of in-hospital death, particularly early death, on the costs of hospital care. We hypothesized that non-surgical patients who died early during a hospital stay would form a distinct, less costly subgroup when compared to patients in the same DRGs who survived or died

later in their hospital course. (Patients who underwent surgery and died within the first two days of admission would tend to have suffered major in-hospital or pre-hospital catastrophes, and would be much less likely to form such low cost groups).

METHODS

We obtained information on all hospital discharges on non-surgical patients over age 17 for fiscal year 1985 from the Maryland Hospital Commission. The Maryland hospital data set contains standard hospital billing abstract information, including dates of admission and discharge, primary and secondary diagnoses, procedures, categorized and total hospital charges, and certain demographic information. We examined all hospital discharges in Major Diagnostic Category No. 4 (MDC 4), Respiratory Diseases, and MDC 5, Circulatory Diseases, after excluding "outliers" (patients with exceptionally long lengths of stay or costs) according to current Medicare criteria. We then used the Statistical Analysis System (SAS)[9] to develop descriptive statistics of mean total hospital charges and mean length of stay for each DRG in both MDCs. We then subdivided the DRGs on the presence of "early death," defined as death on the first or second hospital day, and examined mean length of stay and mean total charges for each subgroup. We used SAS to derive p values using analysis of variance (ANOVA).

RESULTS

For Acute Myocardial Infarction

Patients with an acute MI fall into one of three DRGs: DRG 121, complicated acute MI, discharged alive; DRG 122, uncomplicated MI, discharged alive; and DRG 123, acute MI with in-hospital death. These

three DRGs together contain the largest group of patients within the Circulatory disease MDC (MDC 5). Table 1 shows the mean length of stay and mean total hospital charges for these DRGs as they are currently structured, with outliers excluded. Although MI patients who died had the shortest mean length of stay, their mean charges were greater than those for survivors with uncomplicated MIs (DRG 122). Survivors with complicated MIs in DRG 121 had the highest mean charges. There was a greater degree of variation in charges and length of stay among the in-hospital death patients (DRG 123) than among the survivors: the coefficient of variation (standard deviation divided by the mean) for charges was .84 for DRG 123, .53 for survivors in DRG 121, and .51 for the survivors in DRG 122.

We then divided DRG 123 (patients with in-hospital death) into early death (within two days) and late death (greater than two days) groups, as shown in Table 2. This created two distinct subgroups with very different mean charges, and much smaller coefficients of variation. Early death patients had mean charges of $2,104 and a coefficient of variation of .51. Once the early death patients were removed, DRG 123 became the most expensive group of acute MI patients, with mean charges of $6,411 and a c.v. of .67 (compared to the complicated MI patients in DRG 121 with mean charges of $5,854).

For Other Circulatory Diseases DRGs

We then examined the other DRGs in the Circulatory Diseases Major Diagnostic Category (MDC 5) for the presence of early death. We postulated that other than acute MI, the greatest number of hospital deaths would occur in patients with diagnoses of congestive heart failure,

cardiac arrest, and cardiac arrhythmias, and that many of these deaths would occur early on.

Table 3 shows the effect of early death on mean hospital charges within the DRGs in MDC 5 in which it made a statistically significant difference ($p<.05$). In addition to DRG 123, early death created significantly different subgroups in DRGs for Heart Failure and Shock, Cardiac Arrest, Atherosclerosis with complication/comorbidity, Arrhythmias and Conduction Disturbances, and Other Circulatory Diagnoses. Mean charges for all 917 early death patients in MDC 5 were $1,968, with a standard deviation of $1,196 (c.v.=.61). No matter which DRG the early death patients came from, their total charges tended to resemble those of other early death patients in the MDC more than they resembled those of the other patients in their own DRGs. This pattern suggests that all early death patients with circulatory diseases could be assigned to a separate new DRG.

For Respiratory Diseases DRGs

The early death variable had a similar impact in MDC 4, Respiratory Diseases. Table 4 shows mean charges and p-values for the DRGs in which it had a statistically significant impact. Again, early death patients had similar mean charges, except that the relatively large group of cancer patients (DRG 82) had a considerably lower mean at $1,068. It is likely that most of the cancer patients were admitted in a preterminal state and that very little diagnostic evaluation or intensive treatment was done, and fewer charges were generated as a result.

Table 5 demonstrates the effect of separating out those patients with cancer and early death from all other patients with early death in MDC 4.

Mean charges for early death patients without cancer were $1,488, which was 39% higher than the $1,068 mean charges for those with cancer. It therefore appears reasonable to create two separate categories for early death patients in MDC 4: one a low-cost group of early death patients with a cancer diagnosis, and another group for those without cancer.

DISCUSSION

These results suggest that, except perhaps for patients with cancer who die early in their hospital course, early death patients are similar in their resource utilization within MDC 4 and within MDC 5. We propose that new DRGs be created in these two MDCs for patients who die within the first two days of their hospitalization. Consideration should be given to creating another new DRG for patients with cancer and early death in the respiratory diseases MDC, since they are likely to generate lower average costs than other early death patients.

We have presented the results of analyses of the early death variable for DRGs in two major organ systems. There is every reason to believe that this variable could be useful in the MDCs pertaining to other organ systems as well, although the magnitude of the effect may not be as great because the number of deaths tends to be smaller in other MDCs. It is also conceivable that cancer patients with early death will generate similar costs regardless of organ system or Major Diagnostic Category, since preterminal care would not be affected by the cancer's primary site. If this proves true, all cancer patients with early in-hospital death, regardless of the organ system involved, could be combined into one separate DRG for the purposes of reimbursement. We have begun to test this hypothesis already.

The creation of new groups within the DRG system based on early death provides a number of advantages. First, they improve the accuracy of the DRG system, and therefore can help provide a fairer distribution of Medicare payments. Second, they provide no perverse incentives and avoid the "DRG creep" phenomenon,[10] since the payment for a patient who dies early on would be less than that for a patient who survives. Although it is conceivable that hospital personnel might be encouraged to maintain a brain-dead individual on life-support for an extra day or two to qualify for the higher reimbursement, this seems unlikely to be a significant problem for two reasons. First, this scenario applies to a relatively small number of patients, and second, the process of taking a patient off life-support is involved and time consuming to begin with - one not likely to be concluded within 48 hours of admission.

These analyses show that patients with cardiovascular and respiratory illnesses who die within two days of admission form useful subgroups with lower than average hospital charges. Those patients who die from respiratory neoplasms form a particularly low cost group. We propose new DRGs based on early death: one for circulatory disease patients, a second for respiratory diseases, and a third for early death patients with a respiratory neoplasm. Early death, and the combination of early death and cancer, need to be explored in other Major Diagnostic Categories as well. These changes will help Medicare to approximate more closely its DRG payments to the hospital's actual cost of caring for the patient.

Appendix 7

REFERENCES

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TABLE 1

Mean Length of Stay and Hospital Charges in DRGs for

Acute Myocardial Infarction - Maryland, 1985

DRG	N	Mean LOS (C.V.)	Mean Charge (C.V.)
121 Complicated MI	2,819	12.63 (.41)	$5,854 (.53)
122 Uncomplicated MI	5.921	10.27 (.44)	$4,427 (.51)
123 MI, expired	1,261	5.71 (.86)	$4,819 (.84)
All MI Patients	10,001	10.36 -	$4,879 -

LOS = length of stay

C.V. = coefficient of variation

(standard deviation/mean)

TABLE 2

DRG 123 (Acute Myocardial Infarction, Expired)

Divided into Early and Late Death Groups

GROUP	N	Mean LOS (C.V.)	Mean Charges (C.V.)
MI - Early death	466	1.38 (.35)	$2,104 (.51)
MI - Late death	795	8.24 (.55)	$6,411 (.67)
DRG 123 - all MI deaths	1,261	5.71 (.86)	$4,819 (.84)

LOS = length of stay

C.V. = coefficient of variation

TABLE 3

The Effect of Early Death Within Selected Circulatory Diseases DRGs (Major Diagnostic Category 5)

DRG	Early Death Patients Removed N	Mean Charges	Early Death Patients N	Mean Charges	P Value
123 - MI - Expired	795	$6,412	466	$2,104	.0001
127 Heart Failure & Shock	9,818	$3,352	200	$1,638	.0001
129 Cardiac Arrest	193	$5,989	106	$2,124	.0001
130 Periph Vascular Dis	2,051	$2,677	30	$1,924	.051
132 Atherosclerosis with CC	1,972	$2,776	21	$1,573	.003
138 Arrhythmia & Conduction Disease with CC	4,547	$2,779	34	$1,968	.016
144 Other Circ Diagnoses	1,135	$3,445	24	$1,928	.004
All others in MDC5	40,603	$2,824	36	$1,865	—
TOTAL	61,114	$2,967	917	$1,968	

CC = Comorbidity or Complication

TABLE 4

The Effect of Early Death Within Selected DRGs in

Respiratory Diseases DRGs (Major Diagnostic Category 4)

DRG	Early Death Patients Removed N	Early Death Patients Removed Mean Charges	Early Death Patients N	Early Death Patients Mean Charges	P Value
78 Pulmonary Embolism	762	$4,600	30	$1,221	.0001
79 Respiratory Infections	1,088	$5,274	39	$1,578	.0001
82 Respiratory Neoplasms	3,188	$3,385	150	$1,068	.0001
87 Pulmonary Edema, Respiratory Failure	1,620	$4,548	79	$1,616	.0001
88 COPD	4,887	$3,193	40	$1,265	.0001
89 Simple Pneumonia and Pleurisy	5,116	$3,751	123	$1,479	.0001
All Others - MDC4	13,704	$2,442	38	$1,608	
TOTAL	30,365	$3,150	499	$1,362	

TABLE 5

MDC 4 DISTRIBUTED BY EARLY DEATH AND NEOPLASM DIAGNOSIS

	N	Mean Charges
Early Deaths with Neoplasm	150	$1,068
Early Deaths without Neoplasm	349	$1,488
All other patients	30,365	$3,150
Total	30,864	$3,121

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 009 SPINAL DISORDERS & INJURIES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1885, FREQ(B)= 954, FREQ(C)= 782, FREQ(D)= 149
PCT(B)= 50.6, PCT(C)= 41.5, PCT(D)= 7.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A243 MEDICAL BACK PROBLEMS	83	7.5	5806	1.4	1.8	21	4.0	1255	0.6	0.6	B	C	B	#
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	217	2.8	2040	0.6	0.6	31	2.8	925	0.5	0.4	C	C	C	
MDC 23														
A462 REHABILITATION	99	32.9	23837	1.6	1.9	1	21.4	4181	1.0	0.7	B	B	B	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 010 NERVOUS SYSTEM NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 6050, FREQ(B)= 1204, FREQ(C)= 4710, FREQ(D)= 136
PCT(B)= 19.9, PCT(C)= 77.9, PCT(D)= 2.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A024 SEIZURE & HEADACHE	201	2.4	1362	0.7	0.5	41	4.1	1827	0.8	1.0	C	C	C
MDC 4													
A082 RESPIRATORY NEOPLASMS	1491	4.9	3305	0.8	0.7	395	5.2	1911	0.7	0.7	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	145	4.2	5207	0.8	1.3	29	4.1	2762	0.6	1.1	B	C	C
MDC 8													
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	175	5.8	3665	0.8	0.9	36	4.9	2330	0.5	0.8	C	C	C
MDC 9													
A274 MALIGNANT BREAST DISORDERS	137	7.2	4353	1.6	1.3	49	4.1	1075	0.5	0.3	B	C	C
MDC 17													
A410 CHEMOTHERAPY	614	1.7	1251	0.8	0.6	115	1.7	1062	0.8	0.8	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 012 DEGENERATIVE NERVOUS SYSTEM DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2390, FREQ(B)= 840, FREQ(C)= 1438, FREQ(D)= 112
PCT(B)= 35.1, PCT(C)= 60.2, PCT(D)= 4.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	230	5.4	5758	0.6	1.0	42	4.3	2194	0.4	0.6	B	C	C	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	85	14.4	12793	1.3	1.8	13	-0.9	-16	-0.1	-0.0	B	D	B	#
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	47	12.4	14493	2.2	2.3	7	6.4	9052	0.8	2.4	B	B	B	#
A089 SIMPLE PNEUMONIA & PLEURISY	98	5.4	6247	1.0	1.5	19	3.1	1717	0.4	0.7	B	C	B	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 013 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1958, FREQ(B)= 294, FREQ(C)= 1395, FREQ(D)= 269
PCT(B)= 15.0, PCT(C)= 71.2, PCT(D)= 13.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	218	3.1	2321	0.6	0.7	53	3.1	1141	0.5	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 8993, FREQ(B)= 5738, FREQ(C)= 3177, FREQ(D)= 78
PCT(B)= 63.8, PCT(C)= 35.3, PCT(D)= 0.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A009 SPINAL DISORDERS & INJURIES	6	7.1	7044	0.4	0.7						B		C	#
A010 NERVOUS SYSTEM NEOPLASMS	65	5.9	3988	0.9	0.9	13	-0.3	76	-0.0	0.0	C	D	C	#
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	225	3.9	2635	0.3	0.4	42	6.1	1924	0.5	0.5	C	C	C	*#
A013 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	8	-1.5	-303	-0.2	-0.1	5	6.5	2151	0.8	0.8	D	C	C	#
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA													C	#
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	410	3.7	2646	1.1	1.0	136	6.3	2125	1.1	1.0	C	C	C	*#
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	134	3.5	2627	0.7	0.8	55	7.1	1856	1.0	0.8	C	B	C	#
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	27	1.0	2805	0.2	0.8	9	2.6	440	0.4	0.2	C	C	C	#
A020 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITI	29	6.3	10789	0.8	2.0	6	11.3	9998	1.4	2.8	B	B	C	#
A021 VIRAL MENINGITIS	3	8.7	5230	2.2	1.9						B		C	#
A022 HYPERTENSIVE ENCEPHALOPATHY	83	5.7	7168	1.5	2.6	5	8.7	6221	1.5	3.1	B	B	C	#
A023 NONTRAUMATIC STUPOR & COMA	34	6.1	9388	1.1	2.2	4	17.7	11992	3.5	5.9	B	B	C	#
A024 SEIZURE & HEADACHE	298	3.1	3305	0.9	1.3	88	4.9	2428	1.0	1.4	C	C	C	*#
A027 TRAUMATIC STUPOR & COMA, COMA >1 HR	10	8.1	11974	0.9	1.5	3	12.1	4193	2.3	1.3	B	B	C	#
A028 TRAUMATIC STUPOR & COMA, COMA <1 HR	41	7.5	4700	1.2	1.0	3	16.1	3720	3.6	1.8	B	B	C	#
A031 CONCUSSION	15	2.6	1211	1.0	0.6	1	5.0	1296	1.7	1.0	C	B	C	#
A034 OTHER DISORDERS OF NERVOUS SYSTEM	77	5.1	5732	0.8	1.4	22	4.5	1270	0.8	0.6	B	C	C	#
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	272	5.3	9526	0.5	1.3	31	4.9	1441	0.4	0.3	B	C	B	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	143	8.7	14626	1.5	2.3	34	9.7	6606	1.3	1.8	B	B	B	
A089 SIMPLE PNEUMONIA & PLEURISY	325	7.2	7775	1.3	1.9	64	9.0	4326	1.3	1.7	B	B	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	509	8.0	8974	1.2	1.4	137	10.1	5647	1.0	1.3	B	B	B	
A127 HEART FAILURE & SHOCK	427	8.2	9144	1.5	2.2	98	9.2	4017	1.1	1.4	B	B	B	
A132 ATHEROSCLEROSIS	79	6.5	3820	1.9	1.1	27	14.0	2374	2.3	1.0	B	B	B	
A134 HYPERTENSION	139	5.2	4976	1.4	1.9	55	5.7	2778	1.0	1.4	B	C	B	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	218	6.5	5633	1.9	1.9	60	7.7	3196	1.4	1.5	B	B	B	
MDC 6														
A174 G.I. HEMORRHAGE	121	8.6	7187	2.1	2.2	29	9.5	3951	1.7	1.7	B	B	B	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	119	8.6	7025	2.5	3.0	34	8.9	3491	1.9	2.1	B	B	B	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 8993, FREQ(B)= 5738, FREQ(C)= 3177, FREQ(D)= 78
PCT(B)= 63.8, PCT(C)= 35.3, PCT(D)= 0.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 10														
A294 DIABETES	181	7.3	8138	1.5	2.8	42	11.0	5536	1.6	2.6	B	B	B	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	201	5.8	4538	1.2	1.5	40	9.6	3925	1.4	1.7	B	B	B	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	149	7.0	6329	1.5	2.0	37	10.5	4110	1.7	1.9	B	B	B	
MDC 18														
A416 SEPTCEMIA	150	6.8	8011	0.8	1.2	34	9.6	5637	0.9	1.3	B	B	B	
MDC 23														
A462 REHABILITATION	800	1.8	772	0.1	0.1	3	-6.6	-1876	-0.3	-0.3	C	D	C	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLU ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 5734, FREQ(B)= 122, FREQ(C)= 5220, FREQ(D)= 392
PCT(B)= 2.1, PCT(C)= 91.0, PCT(D)= 6.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1327	0.6	1052	0.1	0.2	204	2.0	820	0.2	0.2	C	C	C
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	125	0.1	799	0.0	0.2	31	0.5	86	0.1	0.0	C	D	C
MDC 5													
A124 CIRCULATORY DISORDERS EXCEPT AMI	424	1.3	1537	0.5	0.4	34	3.6	1355	1.0	0.6	C	C	C
A127 HEART FAILURE & SHOCK	171	3.1	3330	0.6	0.8	29	1.8	356	0.2	0.1	C	C	C
A130 PERIPHERAL VASCULAR DISORDERS	264	-0.7	862	-0.2	0.3	40	-1.2	69	-0.2	0.0	C	D	C
A132 ATHEROSCLEROSIS	74	2.0	1540	0.6	0.4	32	0.4	222	0.1	0.1	C	D	C
A140 ANGINA PECTORIS	231	1.7	1465	0.5	0.5	48	2.1	522	0.4	0.2	C	C	C
A141 SYNCOPE & COLLAPSE	204	1.1	1371	0.3	0.5	39	2.5	582	0.5	0.3	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 018 CRANIAL & PERIPHERAL NERVE DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7599, FREQ(B)= 451, FREQ(C)= 5646, FREQ(D)= 1502
PCT(B)= 5.9, PCT(C)= 74.3, PCT(D)= 19.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	227	1.0	384	0.1	0.1	54	-0.3	-236	-0.0	-0.1	C	D	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	97	2.7	1688	0.8	0.6	37	0.8	282	0.1	0.1	C	D	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	140	3.0	3984	0.4	0.6	28	1.7	364	0.2	0.1	C	C	C	
A127 HEART FAILURE & SHOCK	365	2.8	2644	0.5	0.6	65	1.3	798	0.2	0.3	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	129	2.3	1772	0.5	0.6	27	1.6	506	0.3	0.2	C	C	C	
A140 ANGINA PECTORIS	223	1.7	1409	0.5	0.5	53	1.8	451	0.3	0.2	C	C	C	
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DICEST DISORDERS	237	2.3	1523	0.7	0.6	43	1.6	448	0.3	0.3	C	C	C	
MDC 8														
A243 MEDICAL BACK PROBLEMS	817	0.2	263	0.0	0.1	239	0.8	267	0.1	0.1	D	D	D	*#
MDC 9														
A277 CELLULITIS	210	3.6	2480	0.7	0.7	28	6.0	1599	0.9	0.8	C	C	C	
MDC 10														
A294 DIABETES	1018	2.1	1680	0.4	0.6	191	2.2	580	0.3	0.3	C	C	C	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 020 NERVOUS SYSTEM INFECTION EXC VIRAL MENINGITIS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1325, FREQ(B)= 692, FREQ(C)= 579, FREQ(D)= 54
PCT(B)= 52.2, PCT(C)= 43.7, PCT(D)= 4.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A243 MEDICAL BACK PROBLEMS	173	2.7	1449	0.5	0.4	42	5.3	2319	0.8	1.0	C	C	B *

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 022 HYPERTENSIVE ENCEPHALOPATHY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1211, FREQ(B)= 96, FREQ(C)= 1029, FREQ(D)= 86
PCT(B)= 7.9, PCT(C)= 85.0, PCT(D)= 7.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	302	3.1	4480	0.3	0.8	75	4.1	2230	0.4	0.6	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 023 NONTRAUMATIC STUPOR & COMA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3519, FREQ(B)= 3025, FREQ(C)= 305, FREQ(D)= 189
PCT(B)= 86.0, PCT(C)= 8.7, PCT(D)= 5.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	639	3.9	7507	0.4	1.3	54	9.3	4615	0.8	1.2	B	B	B
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	526	2.0	3992	0.7	1.7	40	2.1	1806	0.5	1.1	B	C	B

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 024 SEIZURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 19730, FREQ(B)= 4239, FREQ(C)=12726, FREQ(D)= 2765
PCT(B)= 21.5, PCT(C)= 64.5, PCT(D)= 14.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A010 NERVOUS SYSTEM NEOPLASMS	481	3.6	2241	0.6	0.5	105	3.0	1144	0.4	0.4	C	C	C	
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	202	0.3	1290	0.0	0.2	39	-3.5	-983	-0.3	-0.3	C	D	C	
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1226	3.1	4351	0.4	0.7	278	4.5	2696	0.4	0.7	C	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	282	1.9	1558	0.6	0.6	88	2.1	413	0.4	0.2	C	C	C	
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	157	3.1	2993	0.6	0.9	38	6.9	2682	0.9	1.1	C	C	C	
A028 TRAUMATIC STUPOR & COMA, COMA <1 HR	192	4.7	3756	0.8	0.8	53	2.5	1374	0.5	0.7	C	C	C	
A034 OTHER DISORDERS OF NERVOUS SYSTEM	224	3.6	3704	0.6	0.9	48	2.1	910	0.4	0.4	C	C	C	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	308	3.0	8195	0.3	1.1	40	4.5	2847	0.4	0.6	B	C	C	
A082 RESPIRATORY NEOPLASMS	193	6.6	6958	1.1	1.6	51	7.4	3003	1.0	1.0	B	B	C	*
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	224	6.9	11813	1.2	1.9	28	5.7	3521	0.7	0.9	B	B	C	*
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	240	4.6	6506	0.8	1.3	53	2.1	3154	0.3	1.1	B	B	C	*
A089 SIMPLE PNEUMONIA & PLEURISY	538	4.3	4946	0.8	1.2	94	5.6	2915	0.8	1.2	B	C	C	
A096 BRONCHITIS & ASTHMA	261	3.0	3452	0.7	1.0	108	3.2	1283	0.6	0.6	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	204	3.7	5416	0.5	0.8	57	3.6	2192	0.4	0.5	B	C	C	
A127 HEART FAILURE & SHOCK	280	4.0	5108	0.7	1.2	72	3.4	2761	0.4	1.0	B	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	106	7.6	4706	1.6	1.6	42	2.6	840	0.4	0.4	B	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	239	2.6	2700	0.8	0.9	60	4.7	1842	0.9	0.8	C	C	C	
A140 ANGINA PECTORIS	201	1.4	1193	0.4	0.4	60	2.7	828	0.5	0.4	C	C	C	
A141 SYNCOPE & COLLAPSE	281	1.0	717	0.3	0.3	81	1.2	546	0.2	0.3	C	C	C	
A143 CHEST PAIN	111	0.9	1150	0.4	0.4	37	2.4	757	0.6	0.4	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	177	4.1	4600	1.0	1.4	26	2.5	1026	0.5	0.4	B	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	451	2.0	1773	0.6	0.8	86	1.5	633	0.3	0.4	C	C	C	
MDC 7														
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	140	1.9	1824	0.4	0.5	45	0.5	392	0.1	0.2	C	D	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 024 SEIZURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 19730, FREQ(B)= 4239, FREQ(C)=12726, FREQ(D)= 2765
PCT(B)= 21.5, PCT(C)= 64.5, PCT(D)= 14.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A243 MEDICAL BACK PROBLEMS	901	0.2	92	0.0	0.0	243	0.5	236	0.1	0.1	D	D	D	*#
MDC 9														
A277 CELLULITIS	108	4.0	3056	0.8	0.9	37	2.5	974	0.4	0.5	C	C	C	
MDC 10														
A294 DIABETES	266	4.3	3952	0.9	1.3	59	4.2	3020	0.6	1.4	C	B	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	500	1.8	2338	0.4	0.7	99	2.5	1994	0.4	0.9	C	C	C	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	255	3.7	3622	0.8	1.1	59	3.7	1388	0.6	0.7	C	C	C	
MDC 14														
A372 VAGINAL DELIVERY W COMPLICATING DIAGNOSES	64	2.4	2240	0.9	1.2	38	0.5	140	0.1	0.1	C	D	C	
A373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	224	1.0	594	0.5	0.4	73	0.8	326	0.3	0.2	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	125	2.1	2074	0.5	0.7	31	2.2	764	0.3	0.3	C	C	C	
MDC 18														
A416 SEPTCEMIA	154	4.4	5825	0.5	0.9	26	9.1	4950	0.9	1.1	B	B	C	*
MDC 19														
A426 DEPRESSIVE NEUROSES	85	3.8	2327	0.4	0.6	33	-0.3	356	-0.0	0.1	C	D	C	
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	179	-199.9	3276	-0.9	0.7	44	-0.2	196	-0.0	0.1	C	D	C	
A430 PSYCHOSES	645	-5.5	1262	-0.3	0.2	111	4.4	1811	0.3	0.4	C	C	C	
MDC 20														
A433 ALCOHOL/DRUG USE & INDUCED ORGANIC MENTAL DISOR	113	-0.9	163	-0.2	0.1	45	0.6	440	0.2	0.4	D	C	C	

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MEDICAL MODEL
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CADRG 024 SEIZURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 19730, FREQ(B)= 4239, FREQ(C)=12726, FREQ(D)= 2765
PCT(B)= 21.5, PCT(C)= 64.5, PCT(D)= 14.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	729	1.4	1386	0.5	0.6	133	4.0	1649	1.0	1.0	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 028 TRAUMATIC STUPOR & COMA, COMA <1 HR ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1892, FREQ(B)= 298, FREQ(C)= 1395, FREQ(D)= 199
PCT(B)= 15.8, PCT(C)= 73.7, PCT(D)= 10.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A024 SEIZURE & HEADACHE	142	1.3	1406	0.4	0.5	30	0.5	1102	0.1	0.6	C	C	C
A031 CONCUSSION	184	1.4	1050	0.5	0.5	35	1.2	401	0.4	0.3	C	C	C
MDC 8													
A243 MEDICAL BACK PROBLEMS	61	3.3	2635	0.6	0.8	34	0.8	1248	0.1	0.6	C	C	C
MDC 9													
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	124	0.6	709	0.2	0.4	36	2.7	1144	0.8	0.7	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 031 CONCUSSION ; ASSIGNMENT SYSTEMWIDE D
FREQ(TOTAL)= 2651, FREQ(B)= 67, FREQ(C)= 1085, FREQ(D)= 1499
PCT(B)= 2.5, PCT(C)= 40.9, PCT(D)= 56.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A028 TRAUMATIC STUPOR & COMA, COMA <1 HR	268	-1.3	-917	-0.2	-0.2	88	1.2	131	0.3	0.1	D	C	D
MDC 8													
A243 MEDICAL BACK PROBLEMS	269	0.4	524	0.1	0.2	45	1.1	480	0.2	0.2	D	C	D
MDC 9													
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	385	0.2	356	0.1	0.2	47	0.3	36	0.1	0.0	D	D	D
MDC 21													
A444 MULTIPLE TRAUMA	81	1.6	2569	0.5	1.1	38	-0.2	-34	-0.0	-0.0	C	D	D

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 034A (A) OTHER DISORDERS OF NERVOUS SYSTEM ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 2433, FREQ(B)= 2230, FREQ(C)= 175, FREQ(D)= 28
PCT(B)= 91.7, PCT(C)= 7.2, PCT(D)= 1.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	334	6.5	14580	0.9	2.3	47	5.2	5591	0.5	1.3	B	B	B
A129 CARDIAC ARREST, UNEXPLAINED	303	5.1	11389	0.8	1.4	29	6.0	7101	0.7	1.8	B	B	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 046 OTHER DISORDERS OF THE EYE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4762, FREQ(B)= 283, FREQ(C)= 4182, FREQ(D)= 297
PCT(B)= 5.9, PCT(C)= 87.8, PCT(D)= 6.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A127 HEART FAILURE & SHOCK	309	2.2	2221	0.4	0.5	61	2.1	533	0.2	0.2	C	C	C
A140 ANGINA PECTORIS	151	1.7	1529	0.5	0.5	30	3.5	1260	0.6	0.6	C	C	C
MDC 10													
A294 DIABETES	749	1.1	1198	0.2	0.4	120	1.6	709	0.2	0.3	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 078 PULMONARY EMBOLISM ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 2522, FREQ(B)= 2030, FREQ(C)= 470, FREQ(D)= 22
PCT(B)= 80.5, PCT(C)= 18.6, PCT(D)= 0.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	156	6.7	11794	1.0	1.8	40	9.4	4971	0.9	1.2	B	B	B	
A127 HEART FAILURE & SHOCK	132	6.3	7106	1.2	1.7	32	6.7	3757	0.8	1.3	B	B	B	
A128 DEEP VEIN THROMBOPHLEBITIS	226	3.4	3170	0.5	0.8	65	3.0	1713	0.3	0.7	C	C	C	*#
A130 PERIPHERAL VASCULAR DISORDERS	182	6.1	4942	1.3	1.6	66	7.6	2764	1.2	1.3	B	B	B	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND GADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 079 RESPIRATORY INFECTIONS & INFLAMMATIONS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 10652, FREQ(B)=10422, FREQ(G)= 205, FREQ(D)= 25
PCT(B)= 97.8, PCT(C)= 1.9, PCT(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPEGIFIG GEREBROVASCULAR DISORDERS EXGEPT TIA	849	12.0	15328	1.4	2.6	168	13.7	8151	1.2	2.1	B	B	B
A024 SEIZURE & HEADACHE	204	9.7	12143	2.8	4.7	51	8.6	5567	1.8	3.1	B	B	B
MDC 4													
A082 RESPIRATORY NEOPLASMS	280	9.8	11024	1.7	2.5	58	10.6	5828	1.4	2.0	B	B	B
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	503	10.6	17661	1.9	2.8	39	6.6	6739	0.9	1.8	B	B	B
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	308	10.6	13938	1.8	2.8	47	8.4	4646	1.1	1.7	B	B	B
A089 SIMPLE PNEUMONIA & PLEURISY	704	7.5	8723	1.4	2.1	121	9.9	4848	1.4	2.0	B	B	B
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	363	8.1	15325	1.2	2.4	56	5.5	7446	0.6	1.8	B	B	B
A127 HEART FAILURE & SHOCK	454	10.2	14596	1.9	3.5	68	8.9	5910	1.1	2.1	B	B	B
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	169	8.9	7838	2.6	3.3	34	17.0	11150	3.6	6.7	B	B	B
MDC 10													
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	264	9.8	10818	2.0	3.5	47	8.3	4122	1.2	1.8	B	B	B
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	160	10.0	12448	2.1	3.9	36	13.1	4959	2.2	2.3	B	B	B
MDC 18													
A416 SEPTCEMIA	334	8.7	12659	1.1	1.9	52	10.0	10575	0.9	2.4	B	B	B
MDC 21													
A449 POISONING & TOXIG EFFECTS OF DRUGS	434	4.3	7576	1.6	3.2	41	5.2	3984	1.3	2.3	B	B	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 079 RESPIRATORY INFECTIONS & INFLAMMATIONS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 10652, FREQ(B)=10422, FREQ(C)= 205, FREQ(D)= 25
PCT(B)= 97.8, PCT(C)= 1.9, PCT(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD

NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 082 RESPIRATORY NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 21227, FREQ(B)= 1972, FREQ(C)=19095, FREQ(D)= 160
PCT(B)= 9.3, PCT(C)= 90.0, PCT(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A010 NERVOUS SYSTEM NEOPLASMS	766	4.1	2491	0.7	0.6	142	5.6	2383	0.7	0.9	C	C	C
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	182	1.4	1623	0.2	0.3	38	1.8	1090	0.2	0.3	C	C	C
A024 SEIZURE & HEADACHE	135	1.9	1542	0.5	0.6	41	4.9	2061	1.0	1.2	C	C	C
MDC 3													
A064 EAR, NOSE & THROAT MALIGNANCY	116	5.5	3931	1.1	1.1	38	4.3	1886	0.8	0.8	C	C	C
MDC 4													
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	285	2.5	6373	0.2	0.9	40	5.3	2369	0.5	0.5	B	C	C
A085 PLEURAL EFFUSION	224	3.4	2623	0.7	0.7	49	2.5	1430	0.4	0.5	C	C	C
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	354	5.1	6230	0.9	1.0	38	4.9	1902	0.6	0.5	B	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	283	1.7	1741	0.3	0.3	55	2.3	1511	0.3	0.5	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	762	4.0	4393	0.7	1.1	179	4.7	2430	0.7	1.0	C	C	C
A096 BRONCHITIS & ASTHMA	201	3.0	2955	0.7	0.8	36	5.1	2257	1.0	1.1	C	C	C
A099 RESPIRATORY SIGNS & SYMPTOMS	240	3.4	2493	1.2	0.9	44	2.5	1079	0.6	0.6	C	C	C
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	222	3.6	2945	1.1	1.1	35	1.3	1020	0.2	0.5	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	90	3.6	5042	0.5	0.8	30	3.6	2597	0.4	0.6	B	C	C
A127 HEART FAILURE & SHOCK	324	3.3	3265	0.6	0.8	70	4.4	2263	0.5	0.8	C	C	C
A130 PERIPHERAL VASCULAR DISORDERS	169	4.3	3770	0.9	1.2	41	4.2	2387	0.7	1.1	C	C	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	171	3.1	2809	0.9	0.9	39	4.7	1999	0.9	0.9	C	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	544	4.1	2646	0.7	0.6	133	4.6	1630	0.6	0.6	C	C	C
A174 G.I. HEMORRHAGE	163	3.5	3614	0.9	1.1	40	4.0	1831	0.7	0.8	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	394	3.0	2450	0.9	1.0	82	3.3	1334	0.7	0.8	C	C	C
MDC 7													
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	451	3.9	2929	0.6	0.7	88	3.2	1025	0.4	0.4	C	C	C

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 082 RESPIRATORY NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 21227, FREQ(B)= 1972, FREQ(C)=19095, FREQ(D)= 160
PCT(B)= 9.3, PCT(C)= 90.0, PCT(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	663	3.8	3388	0.5	0.8	149	2.8	1327	0.3	0.4	C	C	C	
A243 MEDICAL BACK PROBLEMS	121	2.1	859	0.4	0.3	28	5.8	2535	0.8	1.1	C	C	C	
MDC 9														
A274 MALIGNANT BREAST DISORDERS	375	5.7	3767	1.2	1.1	98	3.7	1150	0.4	0.4	C	C	C	
MDC 10														
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	643	3.0	2519	0.6	0.8	90	3.5	2058	0.5	0.9	C	C	C	
MDC 11														
A318 KIDNEY & URINARY TRACT NEOPLASMS	224	5.5	3173	1.6	1.2	69	4.2	1771	0.6	0.7	B	C	C	
MDC 12														
A346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM	115	5.8	4174	1.8	1.6	36	7.5	2251	1.4	1.2	B	B	C	*
MDC 13														
A366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM	127	4.0	2768	1.1	0.9	42	8.2	3142	1.8	1.8	C	B	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	284	0.6	915	0.1	0.3	59	-0.2	1362	-0.0	0.5	C	C	C	
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	114	2.5	2430	0.5	0.6	46	1.1	666	0.2	0.2	C	C	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	158	4.9	4919	0.8	1.1	29	6.8	3076	0.9	1.1	B	B	C	*
A409 RADIOTHERAPY	215	7.3	4171	2.8	2.2	43	9.4	3678	2.1	2.0	B	B	C	*
A410 CHEMOTHERAPY	5321	0.7	611	0.3	0.3	1048	0.9	416	0.4	0.3	C	C	C	
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	320	2.9	2168	0.4	0.5	90	1.9	906	0.2	0.3	C	C	C	
MDC 18														
A416 SEPTCEMIA	192	2.5	4286	0.3	0.6	47	2.3	2535	0.2	0.6	C	C	C	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 082 RESPIRATORY NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 21227, FREQ(B)= 1972, FREQ(C)=19095, FREQ(D)= 160
PCT(B)= 9.3, PCT(C)= 90.0, PCT(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A419 FEVER OF UNKNOWN ORIGIN	75	1.9	1991	0.4	0.6	30	3.0	2606	0.5	1.2	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 083 MAJOR CHEST TRAUMA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1740, FREQ(B)= 804, FREQ(C)= 859, FREQ(D)= 77
PCT(B)= 46.2, PCT(C)= 49.4, PCT(D)= 4.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A094 PNEUMOTHORAX	289	3.4	4103	0.8	1.4	39	4.6	2305	0.9	1.2	C	C	C
MDC 21													
A444 MULTIPLE TRAUMA	69	4.4	5674	1.3	2.3	39	3.1	1869	0.8	1.1	B	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 085 PLEURAL EFFUSION ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 16754, FREQ(B)= 9647, FREQ(C)= 7099, FREQ(D)= 8
PCT(B)= 57.6, PCT(C)= 42.4, PCT(D)= 0.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	206	6.0	8278	0.7	1.4	30	11.2	6033	1.0	1.6	B	B	B	
MDC 4														
A078 PULMONARY EMBOLISM	217	3.6	4443	0.4	0.7	28	2.4	1783	0.2	0.5	C	C	C	*#
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	498	5.5	10420	0.5	1.4	55	9.7	4205	0.9	1.0	B	B	B	
A082 RESPIRATORY NEOPLASMS	812	3.9	3728	0.7	0.8	139	5.0	2004	0.6	0.7	C	C	C	*#
A083 MAJOR CHEST TRAUMA	151	4.7	3542	1.2	1.2	38	4.8	1937	0.9	0.9	C	C	C	*#
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	326	5.6	7864	1.0	1.2	31	3.1	1368	0.4	0.4	B	C	B	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	234	5.9	7123	1.0	1.4	31	7.9	7163	1.0	2.6	B	B	B	
A089 SIMPLE PNEUMONIA & PLEURISY	1512	4.9	5550	0.9	1.4	282	6.3	3122	0.9	1.3	B	B	B	
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	173	4.5	4650	1.3	1.7	30	4.8	2424	0.8	1.2	B	C	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	611	5.3	7532	0.8	1.2	103	5.1	3754	0.5	0.9	B	B	B	
A127 HEART FAILURE & SHOCK	3515	3.9	3732	0.7	0.9	738	3.5	1363	0.4	0.5	C	C	C	*#
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	248	4.8	5253	1.4	1.7	38	6.3	3117	1.2	1.4	B	B	B	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	379	4.6	4314	1.1	1.2	75	3.6	1669	0.7	0.7	C	C	C	*#
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	233	5.8	5490	1.7	2.3	41	5.7	2658	1.2	1.6	B	B	B	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	168	6.7	7094	1.1	1.8	26	5.6	2707	0.7	1.1	B	C	B	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	142	6.7	8465	1.2	2.2	36	10.6	5743	1.6	2.5	B	B	B	
MDC 10														
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	228	6.5	6489	1.3	2.1	26	10.6	4364	1.5	1.9	B	B	B	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	208	5.7	5947	1.0	1.4	52	7.9	6105	1.1	2.1	B	B	B	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 085 PLEURAL EFFUSION ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 16754, FREQ(B)= 9647, FREQ(C)= 7099, FREQ(D)= 8
PCT(B)= 57.6, PCT(C)= 42.4, PCT(D)= 0.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A410 CHEMOTHERAPY	162	3.9	3249	1.8	1.5	26	3.1	1044	1.4	0.8	B	C	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 087 PULMONARY EDEMA & RESPIRATORY FAILURE ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 14122, FREQ(B)=13510, FREQ(C)= 578, FREQ(D)= 34
PCT(B)= 95.7, PCT(C)= 4.1, PCT(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	507	5.9	14515	0.7	2.4	85	6.6	6906	0.6	1.8	B	B	B
A024 SEIZURE & HEADACHE	139	7.3	12218	2.1	4.7	28	9.1	7385	1.9	4.2	B	B	B
MDC 4													
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	871	5.5	17236	0.5	2.4	67	6.9	6985	0.6	1.6	B	B	B
A082 RESPIRATORY NEOPLASMS	447	5.8	8151	1.0	1.8	95	5.3	3222	0.7	1.1	B	B	B
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1903	5.0	6773	0.8	1.3	380	4.3	2808	0.5	1.0	B	C	B
A089 SIMPLE PNEUMONIA & PLEURISY	1191	6.8	12990	1.2	3.2	177	7.6	6449	1.1	2.6	B	B	B
A096 BRONCHITIS & ASTHMA	1161	3.8	5189	0.9	1.5	183	5.7	3154	1.1	1.6	B	B	B
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	843	4.5	10846	0.7	1.7	214	3.7	3892	0.4	0.9	B	B	B
A127 HEART FAILURE & SHOCK	1093	5.5	10091	1.0	2.4	171	5.6	5315	0.7	1.8	B	B	B
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	117	7.0	8467	1.7	2.3	31	5.9	4459	1.1	1.9	B	B	B
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	291	3.3	7645	1.2	3.3	32	1.8	2103	0.5	1.2	B	C	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)=102501, FREQ(B)= 9835, FREQ(C)=90520, FREQ(D)= 2146
PCT(B)= 9.6, PCT(C)= 88.3, PCT(D)= 2.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	309	5.6	2430	0.5	0.4	44	-1.5	259	-0.1	0.1	C	D	C
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	2015	2.2	2860	0.2	0.5	325	1.3	905	0.1	0.2	C	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	961	1.6	1159	0.5	0.4	213	1.8	389	0.3	0.2	C	C	C
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	200	1.5	1856	0.3	0.6	49	1.0	23	0.1	0.0	C	C	C
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	214	2.8	2987	0.5	0.9	51	0.9	122	0.1	0.1	C	D	C
A024 SEIZURE & HEADACHE	816	2.3	2909	0.7	1.1	160	3.8	1546	0.8	0.9	C	C	C
A034 OTHER DISORDERS OF NERVOUS SYSTEM	197	1.9	3094	0.3	0.7	26	9.1	3221	1.6	1.5	C	B	C
MDC 3													
A064 EAR, NOSE & THROAT MALIGNANCY	113	4.0	4114	0.8	1.2	29	7.1	1554	1.4	0.6	C	B	C
A065 DYSEQUILIBRIUM	154	0.8	659	0.2	0.3	43	0.4	127	0.1	0.1	C	D	C
A068 OTITIS MEDIA & URI	427	2.7	2461	0.8	1.1	93	3.2	983	0.8	0.7	C	C	C
A073 OTHER EAR, NOSE & THROAT DIAGNOSES	88	1.5	1800	0.5	0.8	28	1.9	741	0.6	0.5	C	C	C
MDC 4													
A078 PULMONARY EMBOLISM	377	2.2	3868	0.3	0.6	88	2.3	1412	0.2	0.4	C	C	C
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	2063	3.2	7172	0.3	1.0	221	3.9	1880	0.3	0.4	B	C	C
A082 RESPIRATORY NEOPLASMS	2278	3.5	3354	0.6	0.8	550	4.2	1723	0.5	0.6	C	C	C
A083 MAJOR CHEST TRAUMA	136	4.5	3745	1.2	1.2	35	4.4	2419	0.8	1.1	C	C	C
A085 PLEURAL EFFUSION	282	3.4	3527	0.7	1.0	42	3.8	1645	0.5	0.6	C	C	C
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	5832	4.1	5168	0.7	0.8	614	3.5	1770	0.5	0.5	B	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	7646	2.9	3718	0.5	0.9	1403	3.5	1655	0.5	0.7	C	C	C
A092 INTERSTITIAL LUNG DISEASE	370	3.4	3454	0.6	0.8	84	3.2	934	0.5	0.3	C	C	C
A094 PNEUMOTHORAX	469	4.6	4342	1.1	1.5	85	7.0	3170	1.3	1.6	C	B	C
A096 BRONCHITIS & ASTHMA	8764	2.1	1993	0.5	0.6	1841	3.1	1017	0.6	0.5	C	C	C
A099 RESPIRATORY SIGNS & SYMPTOMS	1625	2.8	2530	1.0	0.9	323	3.8	1334	0.9	0.7	C	C	C
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	892	4.2	4024	1.2	1.5	140	2.3	1131	0.4	0.6	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	3321	2.3	3396	0.3	0.5	689	2.3	1367	0.2	0.3	C	C	C
A124 CIRCULATORY DISORDERS EXCEPT AMI	2104	2.0	2530	0.8	0.7	178	2.2	820	0.6	0.4	C	C	C
A127 HEART FAILURE & SHOCK	7707	2.1	2848	0.4	0.7	1733	1.9	983	0.2	0.3	C	C	C
A128 DEEP VEIN THROMBOPHLEBITIS	372	1.9	1875	0.3	0.5	71	1.1	425	0.1	0.2	C	C	C

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)=102501, FREQ(B)= 9835, FREQ(C)=90520, FREQ(D)= 2146
PCT(B)= 9.6, PCT(C)= 88.3, PCT(D)= 2.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A129 CARDIAC ARREST, UNEXPLAINED	174	6.0	10637	1.0	1.4	32	5.7	4836	0.7	1.2	B	B	C	*
A130 PERIPHERAL VASCULAR DISORDERS	865	1.5	1670	0.3	0.6	192	2.5	818	0.4	0.4	C	C	C	
A132 ATHEROSCLEROSIS	834	2.0	1469	0.6	0.4	241	2.0	676	0.3	0.3	C	C	C	
A134 HYPERTENSION	399	1.7	1411	0.5	0.5	117	2.1	887	0.4	0.5	C	C	C	
A135 CARDIAC CONGENITAL & VALVULAR DISORDERS	132	2.6	2150	0.7	0.7	26	3.0	1117	0.6	0.5	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	2744	2.0	1918	0.6	0.6	499	2.8	1206	0.5	0.6	C	C	C	
A140 ANGINA PECTORIS	3449	0.9	786	0.3	0.3	906	1.3	473	0.2	0.2	C	C	C	
A141 SYNCOPE & COLLAPSE	797	1.2	1039	0.4	0.4	150	1.7	766	0.3	0.4	C	C	C	
A143 CHEST PAIN	1296	0.8	672	0.3	0.3	229	1.3	517	0.3	0.3	C	C	C	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	1024	3.5	3476	0.9	0.9	202	4.8	1805	0.9	0.8	C	C	C	
MDC 6														
A172 DIGESTIVE MALIGNANCY	287	3.9	3704	0.6	0.8	63	1.9	1089	0.2	0.4	C	C	C	
A174 G.I. HEMORRHAGE	1349	2.6	2864	0.6	0.9	173	3.0	1412	0.5	0.6	C	C	C	
A177 UNCOMPLICATED PEPTIC ULCER	282	1.9	1668	0.5	0.6	65	1.4	563	0.3	0.3	C	C	C	
A180 G.I. OBSTRUCTION	614	1.9	1955	0.5	0.7	89	3.3	1842	0.6	1.0	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	3002	1.9	1599	0.5	0.7	613	2.5	779	0.5	0.5	C	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	323	2.5	2442	0.7	1.0	65	2.1	873	0.5	0.5	C	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	313	3.7	2904	0.6	0.7	42	3.4	2271	0.4	0.9	C	C	C	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	402	1.8	1773	0.3	0.5	56	1.2	731	0.2	0.3	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	214	3.3	2902	0.7	0.9	32	2.4	1096	0.4	0.5	C	C	C	
A207 DISORDERS OF THE BILIARY TRACT	284	2.4	2072	0.7	0.8	88	2.7	945	0.6	0.5	C	C	C	
MDC 8														
A236 FRACTURES OF HIP & PELVIS	368	3.2	2842	0.4	0.7	42	4.2	2049	0.4	0.7	C	C	C	
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	670	2.3	1705	0.3	0.4	72	1.5	411	0.2	0.1	C	C	C	
A240 CONNECTIVE TISSUE DISORDERS	191	1.8	1639	0.3	0.4	37	3.0	775	0.4	0.3	C	C	C	
A243 MEDICAL BACK PROBLEMS	1521	2.5	1785	0.5	0.5	293	2.9	859	0.4	0.4	C	C	C	
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	190	1.7	1077	0.3	0.4	71	2.8	710	0.4	0.4	C	C	C	
A253 FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	229	3.7	2649	1.0	1.1	36	3.0	1015	0.6	0.6	C	C	C	
A256 OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSU	106	0.4	1131	0.1	0.4	27	1.9	399	0.4	0.2	C	C	C	
MDC 9														
A272 MAJOR SKIN DISORDERS	91	2.9	2813	0.4	0.7	27	2.3	1034	0.3	0.4	C	C	C	

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CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)=102501, FREQ(B)= 9835, FREQ(C)=90520, FREQ(D)= 2146
PCT(B)= 9.6, PCT(C)= 88.3, PCT(D)= 2.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A277 CELLULITIS	492	2.5	1884	0.5	0.6	96	2.6	924	0.4	0.4	C	C	C	
MDC 10														
A294 DIABETES	619	1.8	1824	0.4	0.6	156	2.0	569	0.3	0.3	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	1858	2.1	2129	0.4	0.7	210	2.4	1122	0.3	0.5	C	C	C	
A300 ENDOCRINE DISORDERS	124	3.8	3228	0.9	1.1	36	3.2	1432	0.5	0.7	C	C	C	
MDC 11														
A316 RENAL FAILURE	267	5.0	5456	1.0	1.4	38	8.6	5033	1.3	2.0	B	B	C	*
A320 KIDNEY & URINARY TRACT INFECTIONS	809	2.8	2902	0.6	0.9	154	3.4	1179	0.6	0.6	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	193	3.5	3109	0.9	1.1	43	2.8	1126	0.5	0.6	C	C	C	
MDC 12														
A346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM	117	3.4	2563	1.0	1.0	26	4.5	1267	0.8	0.7	C	C	C	
A348 BENIGN PROSTATIC HYPERTROPHY	93	2.2	1515	1.0	0.8	34	2.9	926	0.9	0.7	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	446	1.1	1003	0.2	0.3	79	2.0	1117	0.3	0.4	C	C	C	
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	93	4.1	3503	0.8	0.8	26	0.2	-30	0.0	-0.0	C	D	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	249	3.2	2590	0.5	0.6	41	4.3	1610	0.6	0.6	C	C	C	
A410 CHEMOTHERAPY	581	1.2	886	0.5	0.4	123	1.2	420	0.5	0.3	C	C	C	
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	104	2.7	2201	0.4	0.5	27	4.7	1634	0.5	0.6	C	C	C	
MDC 18														
A416 SEPTCEMIA	525	3.2	5700	0.4	0.9	56	4.2	2454	0.4	0.5	B	C	C	
A421 VIRAL ILLNESS	103	2.5	2134	0.7	0.9	31	0.8	377	0.2	0.2	C	C	C	
MDC 19														
A426 DEPRESSIVE NEUROSES	156	0.9	981	0.1	0.3	50	2.5	248	0.2	0.1	C	C	C	
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	246	-201.8	1294	-0.9	0.3	51	0.2	141	0.0	0.0	C	D	C	
A430 PSYCHOSES	917	-5.3	1600	-0.3	0.3	147	3.8	1469	0.2	0.3	C	C	C	

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CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)=102501, FREQ(B)= 9835, FREQ(C)=90520, FREQ(D)= 2146
PCT(B)= 9.6, PCT(C)= 88.3, PCT(D)= 2.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	764	2.3	2292	0.8	1.0	108	3.6	1426	0.9	0.8	C	C	C
A452 COMPLICATIONS OF TREATMENT	128	3.9	4113	1.0	1.6	27	4.3	1205	0.8	0.6	B	C	C
MDC 23													
A463 SIGNS & SYMPTOMS	145	4.1	2304	0.9	0.8	28	1.2	85	0.2	0.0	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 20783, FREQ(B)=17651, FREQ(C)= 3118, FREQ(D)= 14
PCT(B)= 84.9, PCT(C)= 15.0, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1060	7.3	8945	0.8	1.5	204	11.9	5688	1.0	1.5	B	B	B	
A024 SEIZURE & HEADACHE	177	6.1	6681	1.7	2.6	50	5.4	3086	1.1	1.7	B	B	B	
MDC 4														
A078 PULMONARY EMBOLISM	176	4.1	7066	0.5	1.1	29	6.6	3904	0.6	1.0	B	B	B	
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	380	4.6	7337	0.4	1.0	40	8.7	3817	0.8	0.9	B	B	B	
A082 RESPIRATORY NEOPLASMS	815	6.5	7049	1.1	1.6	177	8.0	3747	1.0	1.3	B	B	B	
A085 PLEURAL EFFUSION	183	4.7	5288	0.9	1.4	30	5.2	2505	0.7	1.0	B	C	B	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	1225	7.1	10940	1.2	1.7	100	7.4	4962	1.0	1.3	B	B	B	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1002	4.4	5969	0.7	1.2	216	6.6	3170	0.8	1.1	B	B	B	
A096 BRONCHITIS & ASTHMA	865	2.6	2843	0.6	0.8	202	3.3	1070	0.6	0.5	C	C	B	*
A099 RESPIRATORY SIGNS & SYMPTOMS	191	5.7	5949	2.0	2.1	28	5.7	2422	1.3	1.3	B	C	B	
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	172	5.1	5968	1.5	2.2	40	3.7	2723	0.6	1.4	B	C	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	753	5.5	8838	0.8	1.4	162	5.8	3825	0.6	0.9	B	B	B	
A127 HEART FAILURE & SHOCK	1963	4.8	5860	0.9	1.4	349	4.0	2359	0.5	0.8	B	C	B	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	293	6.1	6484	1.8	2.2	55	8.1	4699	1.5	2.1	B	B	B	
A140 ANGINA PECTORIS	176	3.4	2896	1.0	0.9	52	5.1	1736	0.9	0.8	C	C	B	*
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	159	7.0	9281	1.7	2.5	34	7.3	3534	1.4	1.5	B	B	B	
MDC 6														
A174 G.I. HEMORRHAGE	288	7.4	8231	1.8	2.5	36	6.1	3730	1.1	1.6	B	B	B	
A180 G.I. OBSTRUCTION	154	6.9	6920	1.6	2.6	26	6.5	2906	1.1	1.5	B	B	B	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	330	5.5	5181	1.6	2.2	69	6.7	2949	1.4	1.8	B	B	B	
MDC 7														
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	82	4.6	6627	0.9	1.7	27	2.9	1995	0.5	0.9	B	C	B	
MDC 8														
A243 MEDICAL BACK PROBLEMS	130	7.8	5878	1.5	1.8	26	10.3	3903	1.5	1.8	B	B	B	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 20783, FREQ(B)=17651, FREQ(C)= 3118, FREQ(D)= 14
PCT(B)= 84.9, PCT(C)= 15.0, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 10													
A294 DIABETES	305	4.4	6684	0.9	2.3	72	6.2	3551	0.9	1.7	B	B	B
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	512	7.6	5985	1.6	1.9	69	5.8	2459	0.8	1.1	B	C	B
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	396	5.5	5558	1.2	1.7	77	7.1	2679	1.2	1.3	B	B	B
MDC 16													
A395 RED BLOOD CELL DISORDERS	226	5.5	5826	1.3	1.9	58	5.9	2998	0.9	1.2	B	C	B
MDC 17													
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	196	10.3	12051	1.8	2.8	37	9.2	7480	1.3	2.6	B	B	B
MDC 18													
A416 SEPTCEMIA	751	4.5	6840	0.5	1.0	134	4.5	3058	0.4	0.7	B	B	B
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	147	4.8	6285	1.8	2.7	26	7.8	5011	2.0	2.9	B	B	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 092 INTERSTITIAL LUNG DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7778, FREQ(B)= 1303, FREQ(C)= 6094, FREQ(D)= 381
PCT(B)= 16.8, PCT(C)= 78.3, PCT(D)= 4.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A082 RESPIRATORY NEOPLASMS	146	3.8	4070	0.7	0.9	31	3.7	1502	0.5	0.5	C	C	C
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	320	4.1	4852	0.7	0.8	30	3.7	1990	0.5	0.5	B	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	544	2.0	1873	0.3	0.4	132	2.5	1531	0.3	0.5	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	613	3.3	3752	0.6	0.9	110	2.5	1279	0.4	0.5	C	C	C
A096 BRONCHITIS & ASTHMA	476	2.4	2285	0.6	0.6	91	2.4	723	0.5	0.4	C	C	C
A099 RESPIRATORY SIGNS & SYMPTOMS	127	4.1	4220	1.4	1.5	30	5.3	1574	1.3	0.9	B	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	159	2.7	3054	0.4	0.5	33	2.8	781	0.3	0.2	C	C	C
A127 HEART FAILURE & SHOCK	488	2.9	2651	0.5	0.6	92	2.0	660	0.2	0.2	C	C	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	144	2.2	1867	0.7	0.6	32	2.9	1335	0.5	0.6	C	C	C
A140 ANGINA PECTORIS	145	0.9	571	0.3	0.2	48	0.4	37	0.1	0.0	C	D	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	178	1.7	1302	0.5	0.6	53	3.2	1364	0.7	0.8	C	C	C
MDC 8													
A240 CONNECTIVE TISSUE DISORDERS	170	1.9	2715	0.3	0.7	39	2.3	974	0.3	0.4	C	C	C
A243 MEDICAL BACK PROBLEMS	105	2.4	1964	0.4	0.6	30	3.2	1190	0.5	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 094 PNEUMOTHORAX ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3476, FREQ(B)= 1795, FREQ(C)= 1608, FREQ(D)= 73
PCT(B)= 51.6, PCT(C)= 46.3, PCT(D)= 2.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A082 RESPIRATORY NEOPLASMS	217	5.0	4215	0.8	1.0	45	4.3	1747	0.6	0.6	C	C	C	*#
A083 MAJOR CHEST TRAUMA	425	3.6	3873	0.9	1.3	83	4.2	2179	0.8	1.0	C	C	C	*#
A085 PLEURAL EFFUSION	69	3.7	4411	0.7	1.2	16	7.5	2707	1.1	1.0	C	B	C	#
A099 RESPIRATORY SIGNS & SYMPTOMS	24	2.9	2933	1.0	1.1	8	11.4	4575	2.7	2.5	C	B	C	#
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	282	2.2	2604	0.6	1.0	43	0.0	377	0.0	0.2	C	D	C	#
MDC 9														
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	230	1.6	2107	0.6	1.1	53	2.7	2081	0.8	1.3	C	C	B	*
MDC 21														
A444 MULTIPLE TRAUMA	119	2.3	3866	0.7	1.6	33	3.8	2092	0.9	1.3	B	C	B	

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\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL

MEDICAL MODEL

(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 099 HEMOPTYSIS ; ASSIGNMENT SYSTEMWIDE C

FREQ(TOTAL)= 2587, FREQ(B)= 289, FREQ(C)= 1919, FREQ(D)= 379

PCT(B)= 11.2, PCT(C)= 74.2, PCT(D)= 14.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A082 RESPIRATORY NEOPLASMS	335	2.1	2344	0.4	0.5	55	2.0	917	0.3	0.3	C	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	248	0.2	473	0.0	0.1	75	0.0	443	0.0	0.2	D	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	231	2.1	3110	0.4	0.8	51	3.1	1216	0.4	0.5	C	C	C
A096 BRONCHITIS & ASTHMA	252	0.6	741	0.1	0.2	91	1.3	675	0.2	0.3	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 101A (A) OTHER RESPIRATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 8084, FREQ(B)= 5237, FREQ(C)= 2800, FREQ(D)= 47
PCT(B)= 64.8, PCT(C)= 34.6, PCT(D)= 0.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A082 RESPIRATORY NEOPLASMS	603	3.9	4139	0.7	0.9	104	5.4	2384	0.7	0.8	C	C	B	*
A083 MAJOR CHEST TRAUMA	230	3.7	3522	0.9	1.2	26	2.8	1221	0.5	0.5	C	C	B	*
A089 SIMPLE PNEUMONIA & PLEURISY	660	4.2	5397	0.8	1.3	109	4.6	1958	0.7	0.8	B	C	B	
A096 BRONCHITIS & ASTHMA	236	4.4	5404	1.0	1.5	28	5.4	3153	1.0	1.6	B	B	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	364	4.6	7309	0.7	1.1	33	5.3	5015	0.5	1.2	B	B	B	
A127 HEART FAILURE & SHOCK	322	5.1	6847	0.9	1.6	32	6.5	4131	0.8	1.4	B	B	B	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 121 ACUTE MYOCARDIAL INFARCTION ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3879, FREQ(B)= 3362, FREQ(C)= 461, FREQ(D)= 56
PCT(B)= 86.7, PCT(C)= 11.9, PCT(D)= 1.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	416	5.0	7515	0.6	1.3	127	10.1	5435	0.9	1.4	B	B	B
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	87	4.4	4939	1.3	1.8	31	4.1	1287	0.7	0.6	B	C	B
MDC 4													
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	300	4.4	8174	0.8	1.3	97	6.6	3928	0.9	1.0	B	B	B
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	140	6.1	11512	1.0	2.3	28	3.6	3103	0.5	1.1	B	B	B
A089 SIMPLE PNEUMONIA & PLEURISY	192	5.8	9028	1.0	2.2	54	7.2	4595	1.0	1.9	B	B	B
A096 BRONCHITIS & ASTHMA	90	7.1	9346	1.6	2.7	27	5.7	2852	1.1	1.4	B	C	B
MDC 6													
A174 G.I. HEMORRHAGE	123	7.0	10690	1.7	3.3	43	8.9	5162	1.6	2.2	B	B	B
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	106	5.2	5280	1.5	2.2	42	8.1	3016	1.7	1.8	B	B	B
MDC 10													
A294 DIABETES	91	6.2	8724	1.3	3.0	28	4.3	2864	0.6	1.3	B	C	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 76767, FREQ(B)=30748, FREQ(C)=45905, FREQ(D)= 114
PCT(B)= 40.1, PCT(C)= 59.8, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	196	0.9	1616	0.1	0.2	30	2.0	413	0.2	0.1	C	C	C	
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	2732	4.0	4731	0.5	0.8	490	5.2	2622	0.4	0.7	B	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	703	2.8	2035	0.8	0.8	176	3.9	1023	0.7	0.5	C	C	C	
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	178	5.5	3280	1.1	1.0	47	4.2	1465	0.6	0.6	C	C	C	
A024 SEIZURE & HEADACHE	297	3.8	4464	1.1	1.7	89	4.9	2458	1.0	1.4	B	C	C	
MDC 4														
A078 PULMONARY EMBOLISM	377	3.9	5805	0.4	0.9	86	3.5	3161	0.3	0.8	B	B	C	*
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	1565	4.2	9505	0.4	1.3	169	4.4	2643	0.4	0.6	B	C	C	
A082 RESPIRATORY NEOPLASMS	563	5.4	5674	0.9	1.3	140	5.3	2431	0.7	0.8	B	C	C	
A085 PLEURAL EFFUSION	684	3.5	3491	0.7	0.9	117	4.1	1231	0.6	0.5	C	C	C	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	2658	4.8	7054	0.8	1.1	276	4.3	2324	0.6	0.6	B	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	3328	2.8	3531	0.5	0.7	788	3.4	1800	0.4	0.6	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	4708	4.4	5128	0.8	1.3	812	5.5	2802	0.8	1.1	B	C	C	
A092 INTERSTITIAL LUNG DISEASE	204	5.0	5533	0.9	1.3	38	5.6	2189	0.8	0.8	B	C	C	
A096 BRONCHITIS & ASTHMA	1952	3.0	3045	0.7	0.9	456	4.2	1711	0.8	0.9	C	C	C	
A099 RESPIRATORY SIGNS & SYMPTOMS	432	3.8	4000	1.3	1.4	82	3.2	1402	0.8	0.8	C	C	C	
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	288	4.5	4484	1.3	1.7	51	4.7	2727	0.8	1.4	B	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	8714	3.7	5421	0.5	0.8	2161	4.1	2722	0.4	0.6	B	C	C	
A124 CIRCULATORY DISORDERS EXCEPT AMI	1848	3.6	4038	1.4	1.0	180	4.1	2330	1.1	1.0	C	C	C	
A128 DEEP VEIN THROMBOPHLEBITIS	210	2.2	2245	0.3	0.6	44	3.6	1341	0.4	0.5	C	C	C	
A129 CARDIAC ARREST, UNEXPLAINED	316	4.8	9650	0.8	1.2	59	4.1	3142	0.5	0.8	B	B	C	*
A130 PERIPHERAL VASCULAR DISORDERS	610	4.3	3339	0.9	1.1	146	6.0	2093	1.0	1.0	C	C	C	
A132 ATHEROSCLEROSIS	1388	3.2	2036	0.9	0.6	442	3.7	1338	0.6	0.6	C	C	C	
A134 HYPERTENSION	434	2.2	2165	0.6	0.8	135	2.6	1246	0.5	0.6	C	C	C	
A135 CARDIAC CONGENITAL & VALVULAR DISORDERS	475	3.2	2316	0.8	0.7	135	4.1	1585	0.8	0.8	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	3570	3.0	2742	0.9	0.9	784	4.3	1611	0.8	0.7	C	C	C	
A140 ANGINA PECTORIS	3449	1.7	1355	0.5	0.4	1115	2.7	1009	0.5	0.4	C	C	C	
A141 SYNCOPE & COLLAPSE	456	2.1	1387	0.7	0.5	86	3.2	1104	0.7	0.6	C	C	C	
A143 CHEST PAIN	428	1.8	1439	0.7	0.6	67	2.8	1062	0.7	0.6	C	C	C	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	2120	4.2	3819	1.0	1.0	443	5.9	2280	1.1	1.0	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 76767, FREQ(B)=30748, FREQ(C)=45905, FREQ(D)= 114
PCT(B)= 40.1, PCT(C)= 59.8, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A172 DIGESTIVE MALIGNANCY	186	4.7	4546	0.7	1.0	38	7.6	2325	0.9	0.8	B	B	C	*
A174 G.I. HEMORRHAGE	1225	4.0	4492	1.0	1.4	192	4.6	2437	0.8	1.0	C	C	C	
A180 G.I. OBSTRUCTION	350	4.0	3862	0.9	1.4	73	4.2	2289	0.7	1.2	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1470	3.3	2915	1.0	1.2	308	4.2	1832	0.9	1.1	C	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	219	8.3	6220	2.4	2.4	51	5.0	2410	1.1	1.5	B	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	193	4.4	5961	0.7	1.5	34	4.8	1980	0.6	0.8	B	C	C	
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	127	6.2	5911	1.0	1.4	30	8.9	3054	1.1	1.0	B	B	C	*
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	152	4.7	7640	0.9	2.0	28	5.8	3715	0.9	1.6	B	B	C	* *
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	240	5.6	6391	1.2	2.0	47	5.2	3411	0.9	1.7	B	B	C	*
A207 DISORDERS OF THE BILIARY TRACT	240	4.3	4267	1.3	1.6	62	4.4	1741	1.0	1.0	B	C	C	
MDC 8														
A236 FRACTURES OF HIP & PELVIS	230	3.2	4121	0.4	1.0	36	6.5	3045	0.6	1.0	C	B	C	
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	258	3.4	2656	0.5	0.6	37	0.4	83	0.0	0.0	C	D	C	
A240 CONNECTIVE TISSUE DISORDERS	146	4.9	5101	0.8	1.3	52	5.8	2986	0.8	1.2	B	C	C	
A243 MEDICAL BACK PROBLEMS	508	3.1	1972	0.6	0.6	83	6.5	1732	0.9	0.8	C	C	C	
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	154	3.0	1986	0.6	0.7	41	4.0	1030	0.7	0.5	C	C	C	
MDC 9														
A271 SKIN ULCERS	179	5.0	5448	0.5	1.0	39	6.9	2810	0.6	0.8	B	C	C	
A277 CELLULITIS	489	3.5	2831	0.7	0.8	106	5.5	1963	0.9	0.9	C	C	C	
MDC 10														
A294 DIABETES	921	3.7	3958	0.8	1.4	236	4.1	1598	0.6	0.8	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	1515	3.9	3147	0.8	1.0	232	4.6	2459	0.7	1.1	C	C	C	
A300 ENDOCRINE DISORDERS	130	5.6	4450	1.3	1.5	36	7.1	2583	1.1	1.2	C	B	C	
MDC 11														
A316 RENAL FAILURE	870	4.5	5454	0.9	1.4	184	6.6	3272	1.0	1.3	B	B	C	*
A320 KIDNEY & URINARY TRACT INFECTIONS	862	4.4	4801	0.9	1.5	177	5.7	2210	0.9	1.0	B	C	C	
A325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS	117	4.3	3230	1.3	1.4	33	10.0	3314	2.3	2.1	C	B	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 76767, FREQ(B)=30748, FREQ(C)=45905, FREQ(D)= 114
PCT(B)= 40.1, PCT(C)= 59.8, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	304	5.2	4553	1.4	1.6	95	7.7	2757	1.5	1.4	B	B	C	*
MDC 16														
A395 RED BLOOD CELL DISORDERS	901	1.5	1712	0.3	0.5	217	1.5	838	0.2	0.3	C	C	C	
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	127	6.2	8246	1.2	2.0	27	2.4	1961	0.4	0.7	B	C	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	363	5.5	6037	0.9	1.4	60	6.8	4084	0.9	1.4	B	B	C	*
A410 CHEMOTHERAPY	116	3.7	3197	1.7	1.4	33	2.5	859	1.1	0.7	B	C	C	
MDC 18														
A416 SEPTCEMIA	936	5.3	8561	0.6	1.3	137	4.5	3653	0.4	0.8	B	B	C	*
MDC 19														
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	186	-197.1	1479	-0.9	0.3	38	6.1	1720	0.5	0.5	C	C	C	
A430 PSYCHOSES	210	-6.0	1902	-0.3	0.4	41	2.2	1037	0.1	0.2	C	C	C	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	515	3.4	2901	1.3	1.2	99	5.7	1906	1.4	1.1	C	C	C	
MDC 23														
A463 SIGNS & SYMPTOMS	182	3.1	2647	0.7	0.9	32	7.8	3316	1.3	1.5	C	B	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 128 DEEP VEIN THROMBOPHLEBITIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2699, FREQ(B)= 853, FREQ(C)= 1746, FREQ(D)= 100
PCT(B)= 31.6, PCT(C)= 64.7, PCT(D)= 3.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A078 PULMONARY EMBOLISM	371	1.9	1530	0.2	0.2	59	3.4	1467	0.3	0.4	C	C	C
MDC 5													
A130 PERIPHERAL VASCULAR DISORDERS	214	4.3	2615	0.9	0.9	38	4.2	1002	0.7	0.5	C	C	C
MDC 9													
A277 CELLULITIS	173	3.1	2129	0.6	0.6	46	3.4	941	0.5	0.4	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE. I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 129 CARDIAC ARREST, UNEXPLAINED ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 7206, FREQ(B)= 6881, FREQ(C)= 312, FREQ(D)= 13
PCT(B)= 95.5, PCT(C)= 4.3, PCT(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT 11A	431	4.4	10597	0.5	1.8	91	2.9	4068	0.2	1.0	B	B	B
MDC 4													
A082 RESPIRATORY NEOPLASMS	187	4.2	6147	0.7	1.4	35	3.4	2354	0.4	0.8	B	C	B
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	240	7.6	16580	1.3	2.6	26	8.3	6614	1.1	1.8	B	B	B
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	114	6.3	12591	1.0	2.5	36	4.6	3736	0.6	1.3	B	B	B
A089 SIMPLE PNEUMONIA & PLEURISY	257	5.3	11265	1.0	2.8	43	4.1	4266	0.6	1.7	B	B	B
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	1309	3.9	9284	0.6	1.4	294	3.3	3832	0.3	0.9	B	B	B
A127 HEART FAILURE & SHOCK	529	5.7	10191	1.1	2.4	124	4.7	4157	0.6	1.4	B	B	B
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	240	5.9	9585	1.7	3.2	51	8.3	6834	1.5	3.1	B	B	B

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 130 PERIPHERAL VASCULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 5120, FREQ(B)= 1421, FREQ(C)= 3494, FREQ(D)= 205
PCT(B)= 27.8, PCT(C)= 68.2, PCT(D)= 4.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	194	5.9	5136	0.7	0.9	37	5.3	2980	0.5	0.8	B	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	154	1.0	1497	0.3	0.6	34	0.1	388	0.0	0.2	C	D	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	194	4.2	6129	0.6	0.9	37	3.6	2837	0.4	0.7	B	C	C
A124 CIRCULATORY DISORDERS EXCEPT AMI	210	1.8	2088	0.7	0.5	26	1.0	419	0.3	0.2	C	C	C
A127 HEART FAILURE & SHOCK	277	3.6	3864	0.7	0.9	59	2.5	1662	0.3	0.6	C	C	C
A128 DEEP VEIN THROMBOPHLEBITIS	147	2.1	1260	0.3	0.3	28	1.3	513	0.1	0.2	C	C	C
A140 ANGINA PECTORIS	88	1.8	1666	0.5	0.5	27	2.1	723	0.4	0.3	C	C	C
MDC 9													
A271 SKIN ULCERS	182	1.1	1393	0.1	0.2	38	2.1	1491	0.2	0.4	C	C	C
A277 CELLULITIS	348	3.9	3156	0.8	0.9	66	3.4	1162	0.5	0.5	C	C	C
MDC 10													
A294 DIABETES	217	3.3	2974	0.7	1.0	43	2.8	1423	0.4	0.7	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 134 MALIGNANT HYPERTENSION ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2762, FREQ(B)= 238, FREQ(C)= 2220, FREQ(D)= 304
PCT(B)= 8.6, PCT(C)= 80.4, PCT(D)= 11.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	311	2.6	4411	0.3	0.7	68	5.4	3743	0.5	1.0	C	B	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	102	1.0	903	0.3	0.3	28	2.9	1075	0.5	0.5	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	87	1.5	1692	0.2	0.3	42	2.6	1881	0.3	0.4	C	C	C
A127 HEART FAILURE & SHOCK	161	1.5	2850	0.3	0.7	42	4.4	1989	0.5	0.7	C	C	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	75	1.7	1598	0.5	0.5	28	1.6	589	0.3	0.3	C	C	C
A140 ANGINA PECTORIS	171	1.3	994	0.4	0.3	58	0.2	273	0.0	0.1	C	D	C
MDC 10													
A294 DIABETES	69	0.8	822	0.2	0.3	32	1.1	735	0.2	0.3	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 135 CARDIAC CONGENITAL & VALVULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 28011, FREQ(B)= 486, FREQ(C)=25643, FREQ(D)= 1882
PCT(B)= 1.7, PCT(C)= 91.5, PCT(D)= 6.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	946	2.4	2478	0.3	0.4	140	1.2	510	0.1	0.1	C	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	470	1.3	1046	0.4	0.4	86	1.2	447	0.2	0.2	C	C	C
A024 SEIZURE & HEADACHE	206	1.1	1240	0.3	0.5	47	2.0	899	0.4	0.5	C	C	C
MDC 4													
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	311	1.7	2697	0.3	0.4	67	2.4	1253	0.3	0.3	C	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	231	1.2	1416	0.2	0.3	29	2.9	1156	0.4	0.4	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	536	2.6	3097	0.5	0.8	87	1.6	800	0.2	0.3	C	C	C
A096 BRONCHITIS & ASTHMA	346	1.5	1587	0.4	0.5	67	1.9	525	0.4	0.3	C	C	C
A099 RESPIRATORY SIGNS & SYMPTOMS	156	1.0	890	0.3	0.3	28	-0.6	-138	-0.1	-0.1	C	D	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	1206	2.2	3374	0.3	0.5	180	1.2	870	0.1	0.2	C	C	C
A124 CIRCULATORY DISORDERS EXCEPT AMI	3022	1.4	1363	0.6	0.4	324	2.0	1107	0.5	0.5	C	C	C
A126 ACUTE & SUBACUTE ENDOCARDITIS	236	1.5	1318	0.1	0.1	57	8.5	2782	0.5	0.4	C	B	C
A127 HEART FAILURE & SHOCK	3969	1.8	1732	0.3	0.4	778	1.8	769	0.2	0.3	C	C	C
A130 PERIPHERAL VASCULAR DISORDERS	191	2.0	1623	0.4	0.5	38	0.1	491	0.0	0.2	C	C	C
A132 ATHEROSCLEROSIS	304	2.3	1490	0.7	0.4	89	1.9	431	0.3	0.2	C	C	C
A134 HYPERTENSION	164	1.3	988	0.3	0.4	47	0.5	262	0.1	0.1	C	D	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	1769	1.1	862	0.3	0.3	415	0.8	357	0.1	0.2	C	D	C
A140 ANGINA PECTORIS	1179	1.0	777	0.3	0.3	298	1.3	464	0.2	0.2	C	C	C
A141 SYNCOPE & COLLAPSE	488	0.9	646	0.3	0.3	84	1.2	541	0.2	0.3	C	C	C
A143 CHEST PAIN	578	0.5	455	0.2	0.2	115	0.4	186	0.1	0.1	C	D	C
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	470	3.0	2464	0.7	0.7	93	2.5	1084	0.5	0.5	C	C	C
MDC 6													
A174 G.I. HEMORRHAGE	403	2.4	1926	0.6	0.6	66	2.7	1532	0.5	0.6	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	637	1.5	1177	0.4	0.5	120	1.0	344	0.2	0.2	C	C	C
MDC 7													
A207 DISORDERS OF THE BILIARY TRACT	78	2.6	2229	0.8	0.9	26	2.0	476	0.4	0.3	C	C	C

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 135 CARDIAC CONGENITAL & VALVULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 28011, FREQ(B)= 486, FREQ(C)=25643, FREQ(D)= 1882
PCT(B)= 1.7, PCT(C)= 91.5, PCT(D)= 6.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A243 MEDICAL BACK PROBLEMS	269	2.4	1499	0.4	0.5	57	2.1	602	0.3	0.3	C	C	C	
MDC 10														
A294 DIABETES	108	2.3	1845	0.5	0.6	34	1.6	606	0.2	0.3	C	C	C	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	197	2.1	2120	0.4	0.7	26	1.5	684	0.3	0.3	C	C	C	
MDC 14														
A373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	110	0.2	263	0.1	0.2	40	0.1	194	0.0	0.1	D	D	C	*
MDC 16														
A395 RED BLOOD CELL DISORDERS	161	0.6	386	0.1	0.1	38	0.9	378	0.1	0.2	D	D	C	*
MDC 19														
A430 PSYCHOSES	258	-3.6	1875	-0.2	0.4	39	-0.9	102	-0.1	0.0	C	D	C	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	172	2.3	1559	0.8	0.7	33	3.1	1921	0.8	1.1	C	C	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 72836, FREQ(B)= 8106, FREQ(C)=64524, FREQ(D)= 206
PCT(B)= 11.1, PCT(C)= 88.6, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	362	4.0	3313	0.3	0.5	62	5.3	1395	0.4	0.4	C	C	C
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	4432	2.9	3319	0.3	0.6	683	4.9	2068	0.4	0.5	C	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	1295	1.7	1255	0.5	0.5	222	3.2	1057	0.6	0.5	C	C	C
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	203	1.6	1308	0.3	0.4	35	3.3	1277	0.4	0.5	C	C	C
A024 SEIZURE & HEADACHE	511	2.3	2432	0.7	0.9	103	4.3	1964	0.9	1.1	C	C	C
MDC 3													
A065 DYSEQUILIBRIUM	199	0.6	659	0.2	0.3	39	0.5	288	0.1	0.2	C	D	C
MDC 4													
A078 PULMONARY EMBOLISM	340	4.2	4534	0.5	0.7	65	4.2	2349	0.4	0.6	B	C	C
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	812	2.9	7589	0.3	1.0	71	4.5	2444	0.4	0.6	B	C	C
A082 RESPIRATORY NEOPLASMS	522	3.4	3392	0.6	0.8	89	5.9	2784	0.8	0.9	C	C	C
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	1236	4.5	6369	0.8	1.0	162	3.1	1683	0.4	0.4	B	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1352	3.0	3992	0.5	0.8	212	3.7	2002	0.5	0.7	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	2416	3.6	4565	0.7	1.1	310	4.8	2408	0.7	1.0	B	C	C
A096 BRONCHITIS & ASTHMA	1166	2.9	2866	0.7	0.8	166	4.5	1780	0.9	0.9	C	C	C
A099 RESPIRATORY SIGNS & SYMPTOMS	404	2.1	2201	0.7	0.8	43	4.1	1688	1.0	0.9	C	C	C
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	179	4.2	4773	1.2	1.8	32	4.0	1732	0.7	0.9	B	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	6853	3.2	4397	0.5	0.7	1381	3.2	2261	0.3	0.5	C	C	C
A124 CIRCULATORY DISORDERS EXCEPT AMI	2973	2.5	2929	1.0	0.8	293	3.4	1787	0.9	0.8	C	C	C
A127 HEART FAILURE & SHOCK	10357	2.2	2412	0.4	0.6	1953	2.4	1138	0.3	0.4	C	C	C
A128 DEEP VEIN THROMBOPHLEBITIS	172	1.6	1650	0.2	0.4	37	3.7	1261	0.4	0.5	C	C	C
A129 CARDIAC ARREST, UNEXPLAINED	336	4.6	7820	0.7	1.0	41	2.8	3739	0.3	1.0	B	B	C *
A130 PERIPHERAL VASCULAR DISORDERS	591	2.6	2395	0.6	0.8	92	4.8	1518	0.8	0.7	C	C	C
A132 ATHEROSCLEROSIS	1097	2.6	1645	0.7	0.5	285	3.2	782	0.5	0.3	C	C	C
A134 HYPERTENSION	420	1.5	1542	0.4	0.6	102	1.9	971	0.3	0.5	C	C	C
A135 CARDIAC CONGENITAL & VALVULAR DISORDERS	453	2.4	2109	0.6	0.6	88	3.0	919	0.6	0.4	C	C	C
A140 ANGINA PECTORIS	3630	1.2	990	0.3	0.3	901	1.4	596	0.3	0.3	C	C	C
A141 SYNCOPE & COLLAPSE	1254	1.3	1053	0.4	0.4	209	2.4	1017	0.5	0.6	C	C	C
A143 CHEST PAIN	1082	0.8	681	0.3	0.3	153	1.3	476	0.4	0.3	C	C	C

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 72836, FREQ(B)= 8106, FREQ(C)=64524, FREQ(D)= 206
PCT(B)= 11.1, PCT(C)= 88.6, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	1395	3.2	3023	0.8	0.8	212	5.0	2006	0.9	0.9	C	C	C
MDC 6													
A174 G.I. HEMORRHAGE	926	3.1	3583	0.8	1.1	97	5.2	2453	0.9	1.0	C	C	C
A180 G.I. OBSTRUCTION	343	3.3	2776	0.8	1.0	43	4.3	2048	0.8	1.1	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1547	2.3	1891	0.7	0.8	286	2.5	906	0.5	0.5	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	209	3.2	3936	0.9	1.5	39	2.4	2141	0.6	1.3	B	C	C
MDC 7													
A207 DISORDERS OF THE BILIARY TRACT	269	3.0	2907	0.9	1.1	53	2.8	1072	0.6	0.6	C	C	C
MDC 8													
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	225	4.1	2766	0.5	0.7	31	1.7	328	0.2	0.1	C	C	C
A240 CONNECTIVE TISSUE DISORDERS	102	2.4	3700	0.4	1.0	26	5.0	1878	0.7	0.8	C	C	C
A243 MEDICAL BACK PROBLEMS	728	2.4	1854	0.4	0.6	100	2.1	830	0.3	0.4	C	C	C
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	126	1.8	1250	0.4	0.4	44	4.5	1058	0.7	0.5	C	C	C
MDC 9													
A277 CELLULITIS	309	3.2	2801	0.6	0.8	51	3.5	1326	0.6	0.6	C	C	C
MDC 10													
A294 DIABETES	577	2.3	2572	0.5	0.9	87	3.2	1387	0.4	0.7	C	C	C
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	1254	2.4	2291	0.5	0.7	128	3.3	2018	0.5	0.9	C	C	C
A300 ENDOCRINE DISORDERS	144	2.5	1716	0.6	0.6	36	7.3	4427	1.2	2.0	C	B	C
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	667	3.5	3389	0.7	1.1	120	4.2	1832	0.7	0.9	C	C	C
MDC 16													
A395 RED BLOOD CELL DISORDERS	294	2.2	2043	0.5	0.7	46	1.6	1167	0.2	0.5	C	C	C
MDC 17													

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 72836, FREQ(B)= 8106, FREQ(C)=64524, FREQ(D)= 206
PCT(B)= 11.1, PCT(C)= 88.6, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	149	4.5	4241	0.8	1.0	32	7.6	7266	1.0	2.5	C	B	C
MDC 18													
A416 SEPTCEMIA	535	4.0	5874	0.5	0.9	51	3.7	1833	0.3	0.4	B	C	C
MDC 19													
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	256	-191.0	2142	-0.9	0.4	44	4.2	1230	0.3	0.3	C	C	C
A430 PSYCHOSES	381	-3.2	2799	-0.2	0.5	75	1.8	1468	0.1	0.3	C	C	C
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	608	2.7	2341	1.0	1.0	95	4.1	1616	1.0	0.9	C	C	C

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 140 ANGINA PECTORIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 41898, FREQ(B)= 262, FREQ(C)=37453, FREQ(D)= 4183
PCT(B)= 0.6, PCT(C)= 89.4, PCT(D)= 10.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	760	1.1	1298	0.1	0.2	165	2.6	1064	0.2	0.3	C	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	600	1.4	1117	0.4	0.4	195	2.2	578	0.4	0.3	C	C	C	
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	90	-0.3	58	-0.1	0.0	26	2.2	516	0.3	0.2	D	C	C	
A024 SEIZURE & HEADACHE	171	1.4	1591	0.4	0.6	52	1.9	790	0.4	0.4	C	C	C	
MDC 3														
A065 DYSEQUILIBRIUM	139	1.4	1067	0.5	0.5	37	1.2	359	0.3	0.2	C	C	C	
MDC 4														
A078 PULMONARY EMBOLISM	123	2.2	3870	0.2	0.6	34	4.1	2010	0.4	0.5	C	C	C	
A082 RESPIRATORY NEOPLASMS	108	2.4	2197	0.4	0.5	38	4.8	1790	0.6	0.6	C	C	C	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	435	1.9	2088	0.3	0.3	94	2.2	696	0.3	0.2	C	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	862	1.1	1238	0.2	0.2	230	1.5	853	0.2	0.3	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	731	2.3	2621	0.4	0.6	136	2.6	1282	0.4	0.5	C	C	C	
A096 BRONCHITIS & ASTHMA	797	2.1	2112	0.5	0.6	200	3.3	1238	0.6	0.6	C	C	C	
A099 RESPIRATORY SIGNS & SYMPTOMS	237	1.2	1757	0.4	0.6	53	2.2	585	0.5	0.3	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	3676	1.2	1798	0.2	0.3	983	1.5	1290	0.1	0.3	C	C	C	
A124 CIRCULATORY DISORDERS EXCEPT AMI	5605	0.6	895	0.3	0.2	794	0.5	493	0.1	0.2	C	C	C	
A127 HEART FAILURE & SHOCK	3667	1.1	1324	0.2	0.3	864	1.2	650	0.1	0.2	C	C	C	
A128 DEEP VEIN THROMBOPHLEBITIS	119	0.5	760	0.1	0.2	36	1.2	419	0.1	0.2	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	300	1.8	1133	0.4	0.4	80	2.2	800	0.3	0.4	C	C	C	
A132 ATHEROSCLEROSIS	2670	0.6	402	0.2	0.1	673	0.6	263	0.1	0.1	D	D	D	*#
A134 HYPERTENSION	582	1.0	1158	0.3	0.4	191	1.5	825	0.3	0.4	C	C	C	
A135 CARDIAC CONGENITAL & VALVULAR DISORDERS	152	1.0	436	0.3	0.1	31	2.0	389	0.4	0.2	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	2583	0.9	804	0.3	0.3	578	1.5	626	0.3	0.3	C	C	C	
A141 SYNCOPE & COLLAPSE	525	0.8	669	0.3	0.3	148	1.2	436	0.2	0.2	C	C	C	
A143 CHEST PAIN	1102	0.6	407	0.2	0.2	210	0.7	141	0.2	0.1	C	D	D	#
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	437	1.8	1501	0.5	0.4	85	1.3	421	0.2	0.2	C	C	C	
MDC 6														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 140 ANGINA PECTORIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 41898, FREQ(B)= 262, FREQ(C)=37453, FREQ(D)= 4183
PCT(B)= 0.6, PCT(C)= 89.4, PCT(D)= 10.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A174 G.I. HEMORRHAGE	491	1.7	1510	0.4	0.5	97	3.1	1337	0.6	0.6	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1062	1.3	1151	0.4	0.5	330	2.2	764	0.5	0.5	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	97	3.8	2894	1.1	1.1	35	1.8	1096	0.4	0.7	C	C	C
MDC 7													
A207 DISORDERS OF THE BILIARY TRACT	160	1.4	1511	0.4	0.6	63	2.4	899	0.5	0.5	C	C	C
MDC 8													
A243 MEDICAL BACK PROBLEMS	440	2.2	1451	0.4	0.4	117	3.2	1015	0.5	0.5	C	C	C
MDC 9													
A277 CELLULITIS	116	2.9	2396	0.6	0.7	31	3.8	988	0.6	0.5	C	C	C
MDC 10													
A294 DIABETES	427	0.9	818	0.2	0.3	136	1.4	296	0.2	0.1	C	C	C
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	373	0.4	692	0.1	0.2	52	2.1	495	0.3	0.2	C	C	C
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	222	2.2	2134	0.5	0.7	46	3.8	1021	0.6	0.5	C	C	C
MDC 16													
A395 RED BLOOD CELL DISORDERS	276	0.5	683	0.1	0.2	73	0.1	497	0.0	0.2	C	C	C
MDC 19													
A430 PSYCHOSES	154	-6.2	1328	-0.3	0.2	29	0.0	433	0.0	0.1	C	C	C
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	158	1.7	1266	0.6	0.5	26	3.5	1172	0.9	0.7	C	C	C

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\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 144A (A) OTHER CIRCULATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 2133, FREQ(B)= 1464, FREQ(C)= 626, FREQ(D)= 43
PCT(B)= 68.6, PCT(C)= 29.3, PCT(D)= 2.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A124 CIRCULATORY DISORDERS EXCEPT AMI	295	1.8	2990	0.7	0.8	19	0.2	536	0.0	0.2	C	C	C #

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 144B (B) OTHER CIRCULATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 19032, FREQ(B)= 1558, FREQ(C)=17192, FREQ(D)= 282
PCT(B)= 8.2, PCT(C)= 90.3, PCT(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	384	2.9	3467	0.3	0.6	46	5.7	2570	0.5	0.7	C	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	125	1.6	1751	0.5	0.6	28	2.5	1031	0.4	0.5	C	C	C
MDC 4													
A085 PLEURAL EFFUSION	112	4.5	4668	0.9	1.3	29	1.7	1455	0.2	0.5	B	C	C
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	421	2.6	3483	0.4	0.5	80	1.7	859	0.2	0.2	C	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	323	3.6	3611	0.6	0.7	60	2.3	2491	0.3	0.9	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	398	2.9	4010	0.5	1.0	52	3.9	2058	0.5	0.8	C	C	C
A096 BRONCHITIS & ASTHMA	258	2.5	2830	0.6	0.8	34	2.9	1157	0.5	0.6	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	1365	2.8	3602	0.4	0.5	256	3.4	1991	0.3	0.5	C	C	C
A124 CIRCULATORY DISORDERS EXCEPT AMI	1819	2.2	2444	0.9	0.6	158	3.3	1711	0.9	0.7	C	C	C
A127 HEART FAILURE & SHOCK	4136	2.4	2781	0.4	0.7	854	2.1	1574	0.3	0.5	C	C	C
A132 ATHEROSCLEROSIS	210	3.3	2274	0.9	0.6	48	1.7	773	0.3	0.3	C	C	C
A134 HYPERTENSION	77	3.5	3004	0.9	1.1	34	3.0	4289	0.5	2.2	C	B	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	1040	2.2	2166	0.6	0.7	199	3.1	1797	0.6	0.8	C	C	C
A140 ANGINA PECTORIS	600	1.3	1177	0.4	0.4	150	2.0	762	0.3	0.3	C	C	C
A143 CHEST PAIN	237	0.7	711	0.3	0.3	37	0.5	561	0.1	0.3	C	C	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	271	2.3	2168	0.7	0.9	53	1.7	727	0.4	0.4	C	C	C
MDC 11													
A316 RENAL FAILURE	216	2.6	4237	0.5	1.0	30	4.6	2665	0.7	1.0	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 172 DIGESTIVE MALIGNANCY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 8535, FREQ(B)= 877, FREQ(C)= 7213, FREQ(D)= 445
PCT(B)= 10.3, PCT(C)= 84.5, PCT(D)= 5.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A082 RESPIRATORY NEOPLASMS	332	3.4	2477	0.6	0.6	64	4.6	1067	0.6	0.4	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	121	4.6	4822	0.8	1.2	26	2.3	1916	0.3	0.8	B	C	C	
MDC 5														
A127 HEART FAILURE & SHOCK	132	4.2	3844	0.8	0.9	28	4.0	1387	0.5	0.5	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	218	3.1	2829	0.8	0.9	53	1.4	868	0.2	0.4	C	C	C	
A180 G.I. OBSTRUCTION	304	4.2	2861	1.0	1.1	43	3.1	1045	0.5	0.5	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	227	3.5	2866	1.0	1.2	49	2.9	871	0.6	0.5	C	C	C	
MDC 7														
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	502	3.8	2702	0.6	0.6	80	1.6	151	0.2	0.1	C	C	C	
MDC 10														
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	298	3.0	2469	0.6	0.8	48	0.9	787	0.1	0.4	C	C	C	
MDC 13														
A366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM	167	5.5	4150	1.5	1.4	62	5.2	1598	1.1	0.9	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	243	-0.2	41	-0.0	0.0	43	-1.5	54	-0.2	0.0	D	D	D	*#
MDC 17														
A410 CHEMOTHERAPY	2406	1.2	510	0.5	0.2	395	1.6	439	0.7	0.3	C	C	C	
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	165	2.7	1499	0.4	0.3	51	3.1	1117	0.4	0.4	C	C	C	
MDC 18														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 172 DIGESTIVE MALIGNANCY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 8535, FREQ(B)= 877, FREQ(C)= 7213, FREQ(D)= 445
PCT(B)= 10.3, PCT(C)= 84.5, PCT(D)= 5.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A416 SEPTCEMIA	113	2.7	2918	0.3	0.4	29	4.1	1801	0.4	0.4	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 174 G.I. HEMORRHAGE ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 21092, FREQ(B)= 9303, FREQ(C)=11389, FREQ(D)= 400
PCT(B)= 44.1, PCT(C)= 54.0, PCT(D)= 1.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	454	9.1	10208	1.0	1.7	93	12.0	5254	1.0	1.4	B	B	B	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	75	4.3	3567	1.3	1.3	27	4.8	1678	0.8	0.8	C	C	B	*
A024 SEIZURE & HEADACHE	124	3.9	4860	1.1	1.9	29	7.3	3789	1.5	2.1	B	B	B	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	352	6.4	14330	0.6	2.0	31	6.0	4457	0.5	1.0	B	B	B	
A082 RESPIRATORY NEOPLASMS	139	8.1	9062	1.4	2.0	34	8.0	3947	1.0	1.3	B	B	B	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	217	10.0	18819	1.7	3.0	35	6.4	7795	0.8	2.1	B	B	B	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	269	6.1	8828	1.0	1.8	58	7.5	5205	1.0	1.9	B	B	B	
A089 SIMPLE PNEUMONIA & PLEURISY	524	6.5	8309	1.2	2.0	85	6.3	3902	0.9	1.6	B	B	B	
A096 BRONCHITIS & ASTHMA	182	4.8	6121	1.1	1.7	44	6.1	3366	1.2	1.7	B	B	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	416	5.0	8121	0.7	1.3	97	4.6	4287	0.5	1.0	B	B	B	
A127 HEART FAILURE & SHOCK	614	5.4	6814	1.0	1.6	142	6.0	3590	0.7	1.2	B	B	B	
A130 PERIPHERAL VASCULAR DISORDERS	207	3.6	4346	0.8	1.4	57	1.6	1645	0.3	0.8	C	C	B	*
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	157	4.7	4061	1.4	1.4	36	5.1	2607	0.9	1.2	C	C	B	*
A140 ANGINA PECTORIS	208	3.2	2993	0.9	1.0	63	4.8	2285	0.9	1.0	C	C	B	*
A141 SYNCOPE & COLLAPSE	121	3.2	2374	1.0	0.9	36	3.4	1162	0.7	0.6	C	C	B	*
MDC 6														
A172 DIGESTIVE MALIGNANCY	481	1.9	1945	0.3	0.4	85	0.8	1124	0.1	0.4	C	C	C	*#
A174 G.I. HEMORRHAGE													C	#
A176 COMPLICATED PEPTIC ULCER	182	2.8	3456	0.5	0.9	29	2.2	1196	0.4	0.5	C	C	C	*#
A177 UNCOMPLICATED PEPTIC ULCER	221	0.9	1162	0.2	0.4	59	0.8	990	0.1	0.5	C	C	C	*#
A179 INFLAMMATORY BOWEL DISEASE	276	1.5	1406	0.2	0.3	65	0.9	538	0.1	0.2	C	C	C	*#
A180 G.I. OBSTRUCTION	173	5.6	5216	1.3	1.9	40	5.3	2137	0.9	1.1	B	C	C	#
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	3885	1.5	1552	0.4	0.7	1028	2.2	1107	0.5	0.7	C	C	C	*#
A185 DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORAT	16	4.1	2647	1.4	1.0	1	79.3	109892	21.6	63.1	C	B	C	#
A187 DENTAL EXTRACTIONS & RESTORATIONS	1	74.8	29936	34.7	13.0						B		C	#
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	533	2.6	2374	0.7	0.9	136	2.1	1071	0.5	0.7	C	C	C	*#
MDC 7														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 174 G.I. HEMORRHAGE ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 21092, FREQ(B)= 9303, FREQ(C)=11389, FREQ(D)= 400
PCT(B)= 44.1, PCT(C)= 54.0, PCT(D)= 1.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	638	5.0	6058	0.8	1.5	65	4.5	4095	0.6	1.7	B	B	B	
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	199	4.3	4374	0.7	1.0	30	3.0	2989	0.4	1.0	C	C	B	*
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	205	3.0	3981	0.6	1.0	30	3.8	2213	0.6	1.0	C	C	B	*
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	433	6.0	7130	1.3	2.2	68	7.5	4824	1.3	2.4	B	B	B	
MDC 8														
A243 MEDICAL BACK PROBLEMS	163	5.0	3287	0.9	1.0	29	4.4	2192	0.6	1.0	C	C	B	*
MDC 10														
A294 DIABETES	291	4.3	6505	0.9	2.2	41	2.9	2839	0.4	1.3	B	C	B	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	366	4.5	4906	0.9	1.6	56	9.2	4756	1.4	2.1	B	B	B	
MDC 11														
A316 RENAL FAILURE	152	7.7	10235	1.5	2.5	30	8.0	4687	1.2	1.8	B	B	B	
A320 KIDNEY & URINARY TRACT INFECTIONS	183	6.2	6543	1.3	2.0	60	7.8	3247	1.3	1.5	B	B	B	
MDC 16														
A395 RED BLOOD CELL DISORDERS	1100	1.0	916	0.2	0.3	215	0.8	666	0.1	0.3	C	C	C	*#
A397 COAGULATION DISORDERS	138	3.5	4187	0.7	1.1	29	3.9	3114	0.6	1.1	C	B	B	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	157	8.4	9508	1.4	2.2	26	9.5	9302	1.3	3.2	B	B	B	
MDC 18														
A416 SEPTCEMIA	251	6.4	10388	0.8	1.6	32	8.5	7998	0.8	1.8	B	B	B	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	169	3.5	3662	1.3	1.6	34	4.8	2992	1.2	1.8	B	B	B	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 180 G.I. OBSTRUCTION ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 9238, FREQ(B)= 3409, FREQ(C)= 5767, FREQ(D)= 62
PCT(B)= 36.9, PCT(C)= 62.4, PCT(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A089 SIMPLE PNEUMONIA & PLEURISY	284	5.1	6669	0.9	1.6	29	5.4	2144	0.8	0.9	B	C	C
MDC 5													
A127 HEART FAILURE & SHOCK	205	4.9	5445	0.9	1.3	27	6.6	2626	0.8	0.9	B	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	330	7.9	5147	1.2	1.1	65	6.2	2153	0.8	0.8	B	C	C
A174 G.I. HEMORRHAGE	227	4.3	4467	1.1	1.4	29	3.0	1131	0.5	0.5	C	C	C
A179 INFLAMMATORY BOWEL DISEASE	182	0.0	639	0.0	0.1	43	3.6	1036	0.5	0.4	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1312	1.9	1300	0.6	0.6	237	1.8	581	0.4	0.3	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	323	3.8	2469	1.1	1.0	55	5.7	1882	1.3	1.2	C	C	C
MDC 7													
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	216	3.5	3538	0.6	0.9	31	1.0	432	0.2	0.2	C	C	C
MDC 8													
A243 MEDICAL BACK PROBLEMS	479	3.1	1440	0.6	0.4	46	3.4	1157	0.5	0.5	C	C	C
MDC 10													
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	499	3.4	2346	0.7	0.8	53	3.8	1209	0.6	0.5	C	C	C
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	271	3.8	3130	0.8	1.0	47	5.1	1968	0.8	0.9	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORD ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3995, FREQ(B)= 530, FREQ(C)= 3033, FREQ(D)= 432
PCT(B)= 13.3, PCT(C)= 75.9, PCT(D)= 10.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A140 ANGINA PECTORIS	107	1.0	1068	0.3	0.3	31	3.0	1263	0.5	0.6	C	C	C
MDC 6													
A174 G.I. HEMORRHAGE	659	1.6	1666	0.4	0.5	87	2.6	1189	0.5	0.5	C	C	C
MDC 7													
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	122	1.1	1565	0.2	0.4	38	0.2	100	0.0	0.0	C	D	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 188A (A) OTHER DIGESTIVE SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3046, FREQ(B)= 2230, FREQ(C)= 743, FREQ(D)= 73
PCT(B)= 73.2, PCT(C)= 24.4, PCT(D)= 2.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A174 G.I. HEMORRHAGE	191	4.8	6259	1.2	1.9	33	3.8	2945	0.7	1.2	B	C	B	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	211	3.7	3416	1.1	1.4	35	3.5	1283	0.7	0.8	C	C	B	*
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	851	3.2	5513	0.5	1.4	103	3.8	4785	0.5	2.0	B	B	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 188B (B) OTHER DIGESTIVE SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2542, FREQ(B)= 464, FREQ(C)= 1838, FREQ(D)= 240
PCT(B)= 18.3, PCT(C)= 72.3, PCT(D)= 9.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	210	3.0	2135	0.9	0.9	37	3.0	944	0.6	0.6	C	C	C
MDC 14													
A378 ECTOPIC PREGNANCY	835	0.7	641	0.2	0.2	122	0.3	302	0.1	0.1	C	D	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 202 CIRRHOSIS & ALCOHOLIC HEPATITIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 12375, FREQ(B)= 1474, FREQ(C)= 8702, FREQ(D)= 2199
PCT(B)= 11.9, PCT(C)= 70.3, PCT(D)= 17.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A024 SEIZURE & HEADACHE	145	2.0	2333	0.6	0.9	36	3.5	1457	0.7	0.8	C	C	C	
MDC 4														
A089 SIMPLE PNEUMONIA & PLEURISY	240	4.0	6070	0.7	1.5	35	2.3	1040	0.3	0.4	B	C	C	
MDC 5														
A127 HEART FAILURE & SHOCK	362	3.6	3622	0.7	0.9	63	6.0	2353	0.7	0.8	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	1130	3.1	4200	0.8	1.3	166	3.2	2184	0.6	0.9	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	561	2.0	1621	0.6	0.7	100	1.1	558	0.2	0.3	C	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	140	4.7	4084	1.3	1.6	31	4.7	2783	1.1	1.7	B	B	C	*
MDC 7														
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	319	1.6	1467	0.3	0.4	104	1.8	932	0.3	0.4	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	1357	3.8	3491	0.8	1.1	248	6.3	3044	1.1	1.5	C	B	C	
MDC 9														
A277 CELLULITIS	135	2.6	2087	0.5	0.6	26	3.9	1754	0.6	0.8	C	C	C	
MDC 10														
A294 DIABETES	171	2.3	2233	0.5	0.8	29	2.6	1069	0.4	0.5	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	304	1.3	1587	0.3	0.5	29	4.0	1254	0.6	0.6	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	202	1.3	1272	0.3	0.4	26	2.1	1071	0.3	0.4	C	C	C	
MDC 23														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 202 CIRRHOSIS & ALCOHOLIC HEPATITIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 12375, FREQ(B)= 1474, FREQ(C)= 8702, FREQ(D)= 2199
PCT(B)= 11.9, PCT(C)= 70.3, PCT(D)= 17.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A463 SIGNS & SYMPTOMS	214	3.5	2308	0.8	0.8	51	4.5	1465	0.7	0.6	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 203 MALIG OF HEPATOBILIARY SYSTEM OR PANCREAS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 11958, FREQ(B)= 1129, FREQ(C)=10549, FREQ(D)= 280
PCT(B)= 9.4, PCT(C)= 88.2, PCT(D)= 2.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A010 NERVOUS SYSTEM NEOPLASMS	170	4.3	2922	0.7	0.7	35	5.1	1802	0.7	0.7	C	C	C
MDC 4													
A082 RESPIRATORY NEOPLASMS	1236	4.0	3476	0.7	0.8	310	3.9	1371	0.5	0.5	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	137	4.7	4556	0.8	1.1	31	3.8	2992	0.5	1.2	B	C	C
MDC 5													
A127 HEART FAILURE & SHOCK	117	5.3	4160	1.0	1.0	26	5.1	1687	0.6	0.6	C	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	1216	2.9	1557	0.5	0.3	251	3.3	997	0.4	0.4	C	C	C
A174 G.I. HEMORRHAGE	230	3.6	3351	0.9	1.0	35	2.1	2909	0.4	1.2	C	C	C
A180 G.I. OBSTRUCTION	133	4.3	3247	1.0	1.2	26	2.6	1123	0.5	0.6	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	278	3.2	2282	0.9	1.0	45	3.6	1454	0.8	0.9	C	C	C
MDC 7													
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	129	3.8	2631	0.8	0.8	28	4.5	1893	0.8	0.9	C	C	C
MDC 8													
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	328	3.9	3602	0.5	0.9	62	2.5	1483	0.3	0.5	C	C	C
MDC 9													
A274 MALIGNANT BREAST DISORDERS	220	5.3	3397	1.2	1.0	46	2.0	2014	0.2	0.6	C	C	C
MDC 10													
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	422	3.1	2461	0.6	0.8	57	1.8	897	0.3	0.4	C	C	C
MDC 11													

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 203 MALIG OF HEPATOBILIARY SYSTEM OR PANCREAS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 11958, FREQ(B)= 1129, FREQ(C)=10549, FREQ(D)= 280
PCT(B)= 9.4, PCT(C)= 88.2, PCT(D)= 2.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A318 KIDNEY & URINARY TRACT NEOPLASMS	87	6.2	4226	1.8	1.5	31	4.1	1666	0.6	0.7	B	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	178	0.0	405	0.0	0.1	39	-0.0	1426	-0.0	0.6	D	C	C	
MDC 17														
A409 RADIOTHERAPY	83	5.3	2818	2.0	1.5	32	4.2	3604	0.9	2.0	B	B	C	*
A410 CHEMOTHERAPY	2474	2.2	897	1.0	0.4	473	2.3	723	1.0	0.6	C	C	C	
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	232	3.8	2635	0.6	0.6	69	3.7	1772	0.4	0.6	C	C	C	
MDC 18														
A416 SEPTCEMIA	176	2.4	3173	0.3	0.5	26	1.9	1944	0.2	0.4	C	C	C	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3328, FREQ(B)= 796, FREQ(C)= 2178, FREQ(D)= 354
PCT(B)= 23.9, PCT(C)= 65.4, PCT(D)= 10.6

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	472	1.5	1199	0.4	0.5	109	1.5	600	0.3	0.4	C	C	C
MDC 7													
A207 DISORDERS OF THE BILIARY TRACT	339	2.5	2097	0.7	0.8	94	2.6	997	0.6	0.6	C	C	C
MDC 10													
A294 DIABETES	156	2.5	4393	0.5	1.5	32	1.2	1589	0.2	0.7	B	C	C

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7227, FREQ(B)= 3507, FREQ(C)= 3393, FREQ(D)= 327
PCT(B)= 48.5, PCT(C)= 46.9, PCT(D)= 4.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A127 HEART FAILURE & SHOCK	153	5.3	6234	1.0	1.5	35	5.6	3745	0.7	1.3	B	B	C	*
MDC 6														
A174 G.I. HEMORRHAGE	351	5.1	7328	1.3	2.3	63	3.4	2570	0.6	1.1	B	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	262	2.5	2610	0.7	1.1	55	2.1	930	0.4	0.6	C	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	1116	7.1	6728	1.1	1.7	129	7.9	4608	1.0	1.9	B	B	B	*#
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	217	3.8	3494	0.6	0.8	32	1.2	955	0.1	0.3	C	C	C	
MDC 10														
A294 DIABETES	101	3.3	4172	0.7	1.4	28	3.4	1453	0.5	0.7	C	C	C	
MDC 18														
A421 VIRAL ILLNESS	160	2.6	2073	0.7	0.9	45	0.7	124	0.1	0.1	C	D	C	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 207 DISORDERS OF THE BILIARY TRACT ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3129, FREQ(B)= 633, FREQ(C)= 2419, FREQ(D)= 77
PCT(B)= 20.2, PCT(C)= 77.3, PCT(D)= 2.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	304	1.4	1186	0.4	0.5	93	1.6	613	0.3	0.4	C	C	C
MDC 7													
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	337	1.2	1496	0.2	0.4	55	1.2	966	0.2	0.4	C	C	C
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	125	2.9	2018	0.6	0.6	37	3.9	1534	0.7	0.8	C	C	C

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Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 235 FRACTURES OF FEMUR ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 195, FREQ(B)= 115, FREQ(C)= 39, FREQ(D)= 41
PCT(B)= 59.0, PCT(C)= 20.0, PCT(D)= 21.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A236 FRACTURES OF HIP & PELVIS	8	15.9	20041	2.0	4.9	4	19.4	6508	1.7	2.2	B	B	C	#
A237 SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS													C	#
A238 OSTEOMYELITIS													C	#
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	2	-2.0	896	-0.3	0.2	1	-0.6	952	-0.1	0.3	C	C	C	#
A240 CONNECTIVE TISSUE DISORDERS													C	#
A242 SEPTIC ARTHRITIS													C	#
A243 MEDICAL BACK PROBLEMS	2	19.6	6693	3.6	2.0	2	6.5	2113	0.9	1.0	B	C	C	#
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	1	2.1	470	0.4	0.2	1	2.8	2164	0.5	1.1	C	C	C	#
A246 NON-SPECIFIC ARTHROPATHIES													C	#
A247 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CO	1	-3.3	-1884	-0.8	-0.7						D		C	#
A248 TENDONITIS, MYOSITIS & BURSITIS													C	#
A249 AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE	5	0.4	392	0.1	0.1	2	-0.5	-431	-0.1	-0.2	D	D	C	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 236 FRACTURES OF HIP & PELVIS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1564, FREQ(B)= 997, FREQ(C)= 466, FREQ(D)= 101
PCT(B)= 63.7, PCT(C)= 29.8, PCT(D)= 6.5

		CALIFORNIA					MARYLAND					ASSIGNMENT			
		NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8															
A235	FRACTURES OF FEMUR	23	7.1	4678	0.6	0.8	4	8.0	6007	0.4	1.4	B	B	C	#
A237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS	21	2.7	2533	0.6	0.9	6	-1.3	633	-0.1	0.3	C	C	C	#
A238	OSTEOMYELITIS	1	-8.2	-6060	-0.7	-0.8						D		C	#
A239	PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	15	4.2	3622	0.6	0.9	1	2.4	117	0.2	0.0	C	C	C	#
A240	CONNECTIVE TISSUE DISORDERS	4	7.8	3693	1.3	1.0						B		C	#
A242	SEPTIC ARTHRITIS													C	#
A243	MEDICAL BACK PROBLEMS	99	5.4	2986	1.0	0.9	18	5.3	1575	0.8	0.7	C	C	C	#
A244	BONE DISEASES & SPECIFIC ARTHROPATHIES	9	5.8	3974	1.2	1.4	3	6.1	825	1.0	0.4	C	C	C	#
A246	NON-SPECIFIC ARTHROPATHIES	1	2.8	195	0.7	0.1						C		C	#
A247	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CO	1	1.7	304	0.4	0.1						C		C	#
A248	TENDONITIS, MYOSITIS & BURSITIS	3	2.3	817	0.6	0.3						C		C	#
A249	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE	13	4.4	1090	0.7	0.3						C		C	#
A253	FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	132	6.3	4038	1.6	1.7	30	10.2	3493	1.9	2.0	B	B	B	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 239 PATHOLOGICAL FRAC & MUSCULO & CONN TISS MALIG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 18086, FREQ(B)= 2502, FREQ(C)=14943, FREQ(D)= 641
PCT(B)= 13.8, PCT(C)= 82.6, PCT(D)= 3.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A010 NERVOUS SYSTEM NEOPLASMS	358	5.5	3244	0.9	0.7	72	6.4	3124	0.9	1.1	C	B	C
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	210	2.3	1142	0.3	0.2	29	2.3	697	0.2	0.2	C	C	C
MDC 4													
A082 RESPIRATORY NEOPLASMS	2128	4.9	3621	0.8	0.8	526	5.9	2003	0.8	0.7	C	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	333	4.3	3206	0.7	0.6	44	4.0	1031	0.5	0.4	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	403	4.0	3734	0.7	0.9	56	5.6	2902	0.8	1.2	C	C	C
A096 BRONCHITIS & ASTHMA	202	4.5	3898	1.0	1.1	30	4.2	1361	0.8	0.7	C	C	C
MDC 5													
A127 HEART FAILURE & SHOCK	312	4.3	3068	0.8	0.7	38	1.7	843	0.2	0.3	C	C	C
A130 PERIPHERAL VASCULAR DISORDERS	103	5.6	4010	1.2	1.3	28	4.8	2017	0.8	0.9	C	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	272	4.9	2867	0.8	0.6	58	7.5	2920	0.9	1.0	C	B	C
A174 G.I. HEMORRHAGE	195	3.8	2673	1.0	0.8	28	2.8	1538	0.5	0.7	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	406	3.2	1920	0.9	0.8	45	3.6	751	0.8	0.5	C	C	C
MDC 7													
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	306	5.0	3491	0.8	0.8	60	4.3	1130	0.5	0.4	C	C	C
MDC 8													
A243 MEDICAL BACK PROBLEMS	540	2.2	860	0.4	0.3	80	4.6	1039	0.7	0.5	C	C	C
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	229	3.0	1129	0.6	0.4	108	4.3	848	0.7	0.4	C	C	C
MDC 9													
A274 MALIGNANT BREAST DISORDERS	568	6.6	3981	1.5	1.2	162	4.8	1554	0.5	0.5	C	C	C
MDC 10													

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 239 PATHOLOGICAL FRAC & MUSCULO & CONN TISS MALIG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 18086, FREQ(B)= 2502, FREQ(C)=14943, FREQ(D)= 641
PCT(B)= 13.8, PCT(C)= 82.6, PCT(D)= 3.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	566	4.0	2850	0.8	0.9	58	4.3	1890	0.6	0.8	C	C	C
MDC 11													
A318 KIDNEY & URINARY TRACT NEOPLASMS	168	6.7	4215	2.0	1.5	44	3.6	995	0.5	0.4	B	C	C
A320 KIDNEY & URINARY TRACT INFECTIONS	153	3.6	2672	0.8	0.8	30	4.1	1266	0.7	0.6	C	C	C
MDC 12													
A346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM	678	6.0	3011	1.8	1.1	201	6.4	2060	1.2	1.1	B	C	C
MDC 16													
A395 RED BLOOD CELL DISORDERS	370	0.2	291	0.0	0.1	60	0.1	1168	0.0	0.5	D	C	C
MDC 17													
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	394	6.7	5005	1.1	1.2	59	5.1	2159	0.7	0.7	B	C	C
A409 RADIOTHERAPY	199	10.1	5467	3.9	2.9	36	6.2	1944	1.3	1.1	B	C	C
A410 CHEMOTHERAPY	1931	1.4	844	0.6	0.4	375	1.2	354	0.5	0.3	C	C	C
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	229	5.1	3482	0.7	0.8	68	4.5	2193	0.5	0.8	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 240 CONNECTIVE TISSUE DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4400, FREQ(B)= 619, FREQ(C)= 3477, FREQ(D)= 304
PCT(B)= 14.1, PCT(C)= 79.0, PCT(D)= 6.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A089 SIMPLE PNEUMONIA & PLEURISY	175	3.1	3434	0.6	0.8	31	2.8	2555	0.4	1.0	C	C	C
MDC 5													
A127 HEART FAILURE & SHOCK	140	2.6	3228	0.5	0.8	35	1.7	675	0.2	0.2	C	C	C
A140 ANGINA PECTORIS	76	1.8	1199	0.5	0.4	36	1.9	844	0.3	0.4	C	C	C
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	93	4.1	3404	1.0	0.9	32	2.1	868	0.4	0.4	C	C	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	221	1.9	1290	0.5	0.5	43	1.8	820	0.4	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 243 MEDICAL BACK PROBLEMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3348, FREQ(B)= 606, FREQ(C)= 2593, FREQ(D)= 149
PCT(B)= 18.1, PCT(C)= 77.4, PCT(D)= 4.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A236 FRACTURES OF HIP & PELVIS	189	4.2	3623	0.5	0.9	28	3.0	2240	0.3	0.8	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 271 SKIN ULCERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 10677, FREQ(B)= 7636, FREQ(C)= 2972, FREQ(D)= 69
PCT(B)= 71.5, PCT(C)= 27.8, PCT(D)= 0.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	404	12.6	8771	1.4	1.5	55	9.1	3483	0.8	0.9	B	B	B	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	488	10.3	11514	0.9	1.6	57	4.9	2720	0.4	0.6	B	C	B	
A089 SIMPLE PNEUMONIA & PLEURISY	596	7.2	6966	1.3	1.7	92	8.6	3557	1.2	1.4	B	B	B	
MDC 5														
A127 HEART FAILURE & SHOCK	480	6.5	6125	1.2	1.5	75	5.6	1497	0.7	0.5	B	C	B	
A130 PERIPHERAL VASCULAR DISORDERS	368	4.5	2921	1.0	1.0	81	5.9	1695	1.0	0.8	C	C	C	*#
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	178	8.9	7042	2.6	3.0	26	3.6	1270	0.8	0.8	B	C	B	
MDC 9														
A277 CELLULITIS	442	4.7	3287	0.9	1.0	127	5.4	1572	0.9	0.7	C	C	C	*#
MDC 10														
A294 DIABETES	626	4.6	3919	1.0	1.3	192	2.9	1097	0.4	0.5	C	C	C	*#
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	546	6.6	4508	1.3	1.4	93	6.2	2505	0.9	1.1	B	C	B	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	598	7.3	5679	1.5	1.8	134	8.6	3240	1.4	1.5	B	B	B	
MDC 18														
A416 SEPTCEMIA	483	7.6	7860	0.9	1.2	108	7.9	3625	0.7	0.8	B	B	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 274 MALIGNANT BREAST DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1340, FREQ(B)= 206, FREQ(C)= 1063, FREQ(D)= 71
PCT(B)= 15.4, PCT(C)= 79.3, PCT(D)= 5.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A082 RESPIRATORY NEOPLASMS	188	4.1	2466	0.7	0.6	39	1.9	751	0.2	0.3	C	C	C
MDC 17													
A410 CHEMOTHERAPY	270	1.9	1366	0.9	0.6	58	0.7	221	0.3	0.2	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 277 CELLULITIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7963, FREQ(B)= 1992, FREQ(C)= 5596, FREQ(D)= 375
PCT(B)= 25.0, PCT(C)= 70.3, PCT(D)= 4.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A127 HEART FAILURE & SHOCK	336	4.2	3659	0.8	0.9	90	3.7	1318	0.4	0.5	C	C	C	
A128 DEEP VEIN THROMBOPHLEBITIS	266	1.1	1653	0.2	0.4	65	1.9	968	0.2	0.4	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	571	3.6	2330	0.8	0.8	153	4.8	1173	0.8	0.5	C	C	C	
MDC 9														
A271 SKIN ULCERS	406	1.5	1844	0.2	0.3	67	2.2	1126	0.2	0.3	C	C	C	
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	115	3.3	1651	1.3	0.8	26	1.7	302	0.5	0.2	C	C	C	
A283 MINOR SKIN DISORDERS	124	3.5	2268	0.9	0.9	33	2.6	860	0.5	0.5	C	C	C	
MDC 10														
A294 DIABETES	390	3.3	2866	0.7	1.0	107	2.1	996	0.3	0.5	C	C	C	
MDC 18														
A416 SEPTCEMIA	237	3.6	4698	0.4	0.7	35	6.8	5150	0.6	1.1	B	B	C	*
MDC 21														
A444 MULTIPLE TRAUMA	223	1.7	838	0.5	0.3	45	2.2	316	0.6	0.2	C	C	C	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49844, FREQ(B)= 3146, FREQ(C)=45948, FREQ(D)= 750
PCT(B)= 6.3, PCT(C)= 92.2, PCT(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A010 NERVOUS SYSTEM NEOPLASMS	86	8.3	5647	1.3	1.3	27	8.0	2019	1.1	0.7	B	B	C	*
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	222	5.2	4688	0.4	0.7	49	7.1	1557	0.6	0.4	B	B	C	*
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	2280	3.2	3432	0.4	0.6	609	2.9	1304	0.3	0.3	C	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	691	1.7	1603	0.5	0.6	255	2.3	687	0.4	0.3	C	C	C	
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	148	2.3	2059	0.5	0.6	45	3.3	915	0.4	0.4	C	C	C	
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	194	5.1	7417	0.9	2.2	87	2.9	912	0.4	0.4	B	C	C	
A024 SEIZURE & HEADACHE	412	2.4	2945	0.7	1.1	126	4.6	2199	1.0	1.2	C	C	C	
A034 OTHER DISORDERS OF NERVOUS SYSTEM	81	5.1	5042	0.8	1.2	26	4.5	2699	0.8	1.2	B	C	C	
MDC 3														
A065 DYSEQUILIBRIUM	135	1.1	640	0.4	0.3	49	2.0	517	0.4	0.4	C	C	C	
A068 OTITIS MEDIA & URI	160	1.3	992	0.4	0.4	51	1.9	654	0.5	0.5	C	C	C	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	496	4.0	8441	0.4	1.2	59	4.2	2101	0.4	0.5	B	C	C	
A082 RESPIRATORY NEOPLASMS	233	4.5	3926	0.8	0.9	90	4.5	2192	0.6	0.7	C	C	C	
A085 PLEURAL EFFUSION	102	3.2	3433	0.6	0.9	30	5.9	1756	0.8	0.7	C	C	C	
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	525	3.4	5475	0.6	0.9	127	1.8	623	0.2	0.2	B	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	536	3.3	3529	0.5	0.7	165	2.0	722	0.3	0.3	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	1318	3.1	3661	0.6	0.9	295	3.7	1606	0.5	0.6	C	C	C	
A096 BRONCHITIS & ASTHMA	891	2.3	2270	0.5	0.6	290	3.1	1045	0.6	0.5	C	C	C	
A099 RESPIRATORY SIGNS & SYMPTOMS	188	2.4	2161	0.8	0.8	48	1.8	460	0.4	0.2	C	C	C	
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	110	4.3	3528	1.3	1.3	33	2.3	1217	0.4	0.6	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	2404	2.6	3713	0.4	0.6	836	2.6	1441	0.3	0.3	C	C	C	
A124 CIRCULATORY DISORDERS EXCEPT AMI	969	2.7	3112	1.1	0.8	158	1.4	921	0.4	0.4	C	C	C	
A127 HEART FAILURE & SHOCK	3406	2.0	2393	0.4	0.6	1109	1.8	800	0.2	0.3	C	C	C	
A128 DEEP VEIN THROMBOPHLEBITIS	204	1.0	1099	0.1	0.3	64	1.5	481	0.2	0.2	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	484	2.1	2104	0.5	0.7	186	1.8	783	0.3	0.4	C	C	C	
A132 ATHEROSCLEROSIS	384	1.9	1440	0.5	0.4	151	1.8	486	0.3	0.2	C	C	C	
A134 HYPERTENSION	429	1.8	1140	0.5	0.4	183	1.3	357	0.2	0.2	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	748	1.8	1711	0.5	0.6	273	3.1	1149	0.6	0.5	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49844, FREQ(B)= 3146, FREQ(C)=45948, FREQ(D)= 750
PCT(B)= 6.3, PCT(C)= 92.2, PCT(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A140 ANGINA PECTORIS	2066	1.2	891	0.3	0.3	851	1.7	607	0.3	0.3	C	C	C
A141 SYNCOPE & COLLAPSE	332	1.8	880	0.6	0.3	133	2.0	723	0.4	0.4	C	C	C
A143 CHEST PAIN	556	1.0	849	0.4	0.3	147	0.8	302	0.2	0.2	C	C	C
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	338	3.3	2703	0.8	0.7	72	5.1	1476	1.0	0.6	C	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	104	4.2	2750	0.7	0.6	27	2.7	1300	0.3	0.5	C	C	C
A174 G.I. HEMORRHAGE	598	3.5	3276	0.9	1.0	129	3.2	1813	0.6	0.8	C	C	C
A177 UNCOMPLICATED PEPTIC ULCER	109	2.0	1421	0.5	0.5	39	2.2	529	0.4	0.3	C	C	C
A180 G.I. OBSTRUCTION	263	1.8	1339	0.4	0.5	60	1.5	587	0.3	0.3	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1840	1.6	1109	0.5	0.5	608	2.0	600	0.4	0.4	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	164	3.1	2796	0.9	1.1	70	4.6	1662	1.1	1.0	C	C	C
MDC 7													
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	168	2.7	2340	0.4	0.6	41	4.5	2371	0.6	1.0	C	C	C
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	167	3.9	3228	0.6	0.7	31	2.7	876	0.3	0.3	C	C	C
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	456	2.3	1976	0.4	0.5	135	2.5	1061	0.4	0.5	C	C	C
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	282	2.8	2550	0.6	0.8	71	5.1	1826	0.9	0.9	C	C	C
A207 DISORDERS OF THE BILIARY TRACT	211	2.9	2344	0.9	0.9	75	3.8	1156	0.8	0.6	C	C	C
MDC 8													
A236 FRACTURES OF HIP & PELVIS	110	2.2	2099	0.3	0.5	34	4.7	1609	0.4	0.6	C	C	C
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	111	3.8	2177	0.5	0.5	26	6.6	1495	0.7	0.5	C	C	C
A240 CONNECTIVE TISSUE DISORDERS	105	2.6	1919	0.4	0.5	38	3.0	538	0.4	0.2	C	C	C
A243 MEDICAL BACK PROBLEMS	684	2.4	1447	0.4	0.4	255	4.0	1091	0.6	0.5	C	C	C
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	73	2.1	1563	0.4	0.5	37	0.8	206	0.1	0.1	C	D	C
A253 FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	166	1.9	1089	0.5	0.5	59	3.5	1026	0.6	0.6	C	C	C
A256 OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSU	117	7.7	5145	1.8	1.7	30	6.5	1709	1.4	1.0	B	C	C
MDC 9													
A271 SKIN ULCERS	248	0.0	806	0.0	0.1	79	4.6	1998	0.4	0.6	C	C	C
A277 CELLULITIS	1076	2.5	2041	0.5	0.6	316	3.6	1168	0.6	0.6	C	C	C
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	120	2.7	1454	1.1	0.7	28	3.5	666	1.0	0.4	C	C	C
A283 MINOR SKIN DISORDERS	88	1.9	1697	0.5	0.7	32	3.1	914	0.6	0.5	C	C	C
MDC 10													

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49844, FREQ(B)= 3146, FREQ(C)=45948, FREQ(D)= 750
PCT(B)= 6.3, PCT(C)= 92.2, PCT(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	2025	1.3	1265	0.3	0.4	388	1.6	705	0.2	0.3	C	C	C	
A300 ENDOCRINE DISORDERS	109	2.3	2061	0.5	0.7	30	2.0	604	0.3	0.3	C	C	C	
MDC 11														
A316 RENAL FAILURE	291	4.0	4563	0.8	1.1	48	3.3	2088	0.5	0.8	B	C	C	
A320 KIDNEY & URINARY TRACT INFECTIONS	1241	2.8	2453	0.6	0.8	350	3.6	1131	0.6	0.5	C	C	C	
A325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS	67	1.5	1021	0.5	0.4	28	4.3	1650	1.0	1.1	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	184	5.0	4000	1.4	1.4	60	4.5	1574	0.9	0.8	C	C	C	
MDC 14														
A383 OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICAT!	359	1.4	804	0.4	0.5	43	2.3	657	0.6	0.5	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	235	1.3	1334	0.3	0.4	65	4.8	3394	0.7	1.3	C	B	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	148	5.3	4623	0.9	1.1	40	5.7	4195	0.8	1.4	B	B	C	*
A410 CHEMOTHERAPY	213	1.9	1190	0.9	0.5	72	1.7	580	0.7	0.5	C	C	C	
MDC 18														
A416 SEPTCEMIA	656	3.1	3749	0.4	0.6	133	4.4	1900	0.4	0.4	C	C	C	
A419 FEVER OF UNKNOWN ORIGIN	108	2.3	2008	0.5	0.6	26	2.1	992	0.4	0.5	C	C	C	
A421 VIRAL ILLNESS	116	1.0	921	0.3	0.4	32	1.2	551	0.3	0.3	C	C	C	
MDC 19														
A426 DEPRESSIVE NEUROSES	54	-0.3	500	-0.0	0.1	37	3.3	887	0.3	0.3	D	C	C	
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	115	-194.9	2432	-0.9	0.5	44	1.4	410	0.1	0.1	C	C	C	
A430 PSYCHOSES	374	-5.5	1294	-0.3	0.2	101	3.6	1582	0.2	0.3	C	C	C	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	430	2.0	1434	0.7	0.6	75	2.7	807	0.7	0.5	C	C	C	
A452 COMPLICATIONS OF TREATMENT	140	2.4	2461	0.6	0.9	37	2.1	1469	0.4	0.8	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49844, FREQ(B)= 3146, FREQ(C)=45948, FREQ(D)= 750
PCT(B)= 6.3, PCT(C)= 92.2, PCT(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 23													
A463 SIGNS & SYMPTOMS	126	2.4	2201	0.5	0.8	35	1.9	642	0.3	0.3	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296 NUTRITIONAL & MISC METABOLIC DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 55779, FREQ(B)=14564, FREQ(C)=39626, FREQ(D)= 1589
PCT(B)= 26.1, PCT(C)= 71.0, PCT(D)= 2.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	276	0.1	828	0.0	0.1	33	-0.1	-350	-0.0	-0.1	C	D	C	
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1668	3.3	3857	0.4	0.7	157	6.4	2492	0.6	0.6	C	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	550	1.9	1485	0.6	0.6	78	2.2	594	0.4	0.3	C	C	C	
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	132	4.2	3157	0.8	0.9	28	6.1	2134	0.9	0.9	C	C	C	
A024 SEIZURE & HEADACHE	916	2.0	2443	0.6	0.9	150	2.6	1515	0.5	0.9	C	C	C	
MDC 3														
A064 EAR, NOSE & THROAT MALIGNANCY	114	9.4	7971	2.0	2.3	29	13.8	6001	2.7	2.5	B	B	C	*
A068 OTITIS MEDIA & URI	207	2.2	2036	0.7	0.9	33	1.9	490	0.5	0.3	C	C	C	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	1413	6.1	10189	0.6	1.4	88	4.8	2905	0.4	0.7	B	C	C	
A082 RESPIRATORY NEOPLASMS	787	5.1	4552	0.9	1.0	87	7.6	3227	1.0	1.1	B	B	C	*
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	1217	4.9	7759	0.9	1.2	78	1.7	1249	0.2	0.3	B	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1787	2.9	3629	0.5	0.7	184	2.3	1195	0.3	0.4	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	2600	4.2	5333	0.8	1.3	241	4.9	2333	0.7	0.9	B	C	C	
A096 BRONCHITIS & ASTHMA	1661	2.3	2801	0.5	0.8	175	2.3	936	0.4	0.5	C	C	C	
A099 RESPIRATORY SIGNS & SYMPTOMS	307	2.4	2214	0.8	0.8	31	3.5	1295	0.8	0.7	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	1394	3.1	5075	0.4	0.8	137	2.8	1984	0.3	0.5	B	C	C	
A124 CIRCULATORY DISORDERS EXCEPT AMI	451	5.1	6496	2.0	1.7	30	4.4	1635	1.2	0.7	B	C	C	
A127 HEART FAILURE & SHOCK	3354	3.4	3990	0.6	1.0	360	4.8	2139	0.6	0.7	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	232	4.4	3630	1.0	1.2	27	6.2	2123	1.0	1.0	C	C	C	
A132 ATHEROSCLEROSIS	264	2.7	1730	0.8	0.5	59	2.3	449	0.4	0.2	C	C	C	
A134 HYPERTENSION	530	1.4	1075	0.4	0.4	139	1.0	645	0.2	0.3	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	1701	1.9	1835	0.6	0.6	209	1.6	505	0.3	0.2	C	C	C	
A140 ANGINA PECTORIS	1219	0.9	819	0.3	0.3	198	1.6	622	0.3	0.3	C	C	C	
A141 SYNCOPE & COLLAPSE	912	1.1	862	0.4	0.3	127	0.9	354	0.2	0.2	C	D	C	
A143 CHEST PAIN	591	0.6	630	0.3	0.2	72	0.5	165	0.1	0.1	C	D	C	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	510	3.6	3655	0.9	1.0	62	4.7	2028	0.9	0.9	C	C	C	
MDC 6														

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296 NUTRITIONAL & MISC METABOLIC DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 55779, FREQ(B)=14564, FREQ(C)=39626, FREQ(D)= 1589
PCT(B)= 26.1, PCT(C)= 71.0, PCT(D)= 2.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A172 DIGESTIVE MALIGNANCY	412	6.3	5393	1.0	1.1	60	9.8	3696	1.2	1.3	B	B	C	*
A174 G.I. HEMORRHAGE	859	3.8	4216	1.0	1.3	59	3.5	1793	0.6	0.8	C	C	C	
A179 INFLAMMATORY BOWEL DISEASE	171	4.9	5629	0.7	1.3	29	6.2	2334	0.8	0.9	B	C	C	
A180 G.I. OBSTRUCTION	708	3.3	2823	0.8	1.0	75	3.5	1355	0.6	0.7	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	3687	2.0	1560	0.6	0.7	477	2.1	725	0.4	0.4	C	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	300	6.3	5726	1.8	2.2	46	3.5	1500	0.8	0.9	B	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	606	4.4	3504	0.7	0.9	63	7.0	3293	0.9	1.4	C	B	C	
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	338	4.6	4286	0.7	1.0	35	5.2	2433	0.6	0.8	C	C	C	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	442	2.3	3032	0.4	0.8	82	2.7	1491	0.4	0.6	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	487	4.6	4301	1.0	1.3	44	6.3	2576	1.1	1.3	C	C	C	
A207 DISORDERS OF THE BILIARY TRACT	233	3.2	2649	0.9	1.0	32	4.5	1562	1.0	0.9	C	C	C	
MDC 8														
A243 MEDICAL BACK PROBLEMS	522	2.4	1650	0.4	0.5	63	3.1	956	0.4	0.4	C	C	C	
A253 FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	156	3.0	2114	0.8	0.9	27	2.8	923	0.5	0.5	C	C	C	
MDC 9														
A277 CELLULITIS	288	3.4	2876	0.7	0.9	32	5.5	1813	0.9	0.9	C	C	C	
MDC 10														
A294 DIABETES	1377	2.4	2907	0.5	1.0	208	1.6	998	0.2	0.5	C	C	C	
A300 ENDOCRINE DISORDERS	360	3.8	3248	0.9	1.1	62	4.7	2242	0.8	1.0	C	C	C	
MDC 11														
A316 RENAL FAILURE	805	3.9	4717	0.8	1.2	114	4.1	1580	0.6	0.6	B	C	C	
A320 KIDNEY & URINARY TRACT INFECTIONS	1215	3.5	3304	0.7	1.0	143	5.0	1763	0.8	0.8	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	341	3.8	3511	1.0	1.3	56	6.7	2538	1.3	1.3	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	420	2.6	2253	0.6	0.7	65	3.7	2086	0.6	0.8	C	C	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296 NUTRITIONAL & MISC METABOLIC DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 55779, FREQ(B)=14564, FREQ(C)=39626, FREQ(D)= 1589
PCT(B)= 26.1, PCT(C)= 71.0, PCT(D)= 2.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	311	7.7	7325	1.3	1.7	34	8.3	6886	1.1	2.4	B	B	C	*
A410 CHEMOTHERAPY	328	3.2	3414	1.5	1.5	30	4.3	3115	1.9	2.5	B	B	C	*
MDC 18														
A416 SEPTCEMIA	811	3.9	5740	0.5	0.9	93	5.3	2861	0.5	0.6	B	C	C	
A421 VIRAL ILLNESS	161	1.5	1722	0.4	0.7	36	1.4	346	0.3	0.2	C	C	C	
MDC 19														
A426 DEPRESSIVE NEUROSES	94	0.3	928	0.0	0.3	33	2.4	714	0.2	0.2	C	C	C	
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	292	-202.1	1453	-0.9	0.3	37	-1.1	234	-0.1	0.1	C	D	C	
A430 PSYCHOSES	508	-6.5	1314	-0.3	0.2	64	1.4	1125	0.1	0.2	C	C	C	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	899	1.6	2017	0.6	0.9	90	2.7	1292	0.7	0.8	C	C	C	
MDC 23														
A463 SIGNS & SYMPTOMS	230	2.4	2029	0.6	0.7	31	6.6	2722	1.1	1.2	C	C	C	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296A HYPOVOLEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49505, FREQ(B)= 4895, FREQ(C)=39691, FREQ(D)= 4919
PCT(B)= 9.9, PCT(C)= 80.2, PCT(D)= 9.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A010 NERVOUS SYSTEM NEOPLASMS	202	3.9	2566	0.6	0.6	26	5.5	1311	0.7	0.5	C	C	C	
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	254	-2.0	-901	-0.2	-0.1	50	0.9	225	0.1	0.1	D	D	C	*
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	1146	2.6	2476	0.3	0.4	124	6.3	2305	0.5	0.6	C	C	C	
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	262	2.2	1177	0.7	0.4	52	4.8	1211	0.8	0.6	C	C	C	
A024 SEIZURE & HEADACHE	413	1.9	1195	0.6	0.5	77	2.6	872	0.5	0.5	C	C	C	
MDC 3														
A064 EAR, NOSE & THROAT MALIGNANCY	114	4.5	3262	0.9	0.9	34	7.2	2735	1.4	1.1	C	B	C	
A068 OTITIS MEDIA & URI	685	0.5	203	0.1	0.1	147	0.4	-15	0.1	-0.0	D	D	C	*
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	1326	3.2	7676	0.3	1.1	114	4.4	1508	0.4	0.3	B	C	C	
A082 RESPIRATORY NEOPLASMS	796	3.9	2994	0.7	0.7	108	5.1	1493	0.7	0.5	C	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	489	1.8	2534	0.3	0.5	63	2.1	617	0.3	0.2	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	3160	3.4	3892	0.6	1.0	391	3.8	1413	0.5	0.6	C	C	C	
A096 BRONCHITIS & ASTHMA	856	1.6	1292	0.4	0.4	120	1.5	220	0.3	0.1	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	285	3.3	4595	0.5	0.7	48	1.8	1328	0.2	0.3	B	C	C	
A127 HEART FAILURE & SHOCK	801	4.6	4970	0.9	1.2	104	5.9	3021	0.7	1.0	B	B	C	*
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	459	3.5	2940	1.0	1.0	53	4.0	1314	0.7	0.6	C	C	C	
A140 ANGINA PECTORIS	165	2.1	1541	0.6	0.5	31	1.6	777	0.3	0.3	C	C	C	
A141 SYNCOPE & COLLAPSE	517	1.3	779	0.4	0.3	86	2.2	658	0.4	0.4	C	C	C	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	320	2.8	2506	0.7	0.7	33	1.0	461	0.2	0.2	C	C	C	
MDC 6														
A172 DIGESTIVE MALIGNANCY	551	4.4	2963	0.7	0.6	71	4.2	1277	0.5	0.5	C	C	C	
A174 G.I. HEMORRHAGE	749	2.9	2970	0.7	0.9	82	2.5	899	0.5	0.4	C	C	C	
A177 UNCOMPLICATED PEPTIC ULCER	271	0.9	371	0.2	0.1	46	0.3	-120	0.1	-0.1	C	D	C	
A179 INFLAMMATORY BOWEL DISEASE	227	0.5	836	0.1	0.2	34	3.0	1184	0.4	0.5	C	C	C	
A180 G.I. OBSTRUCTION	881	2.4	1936	0.6	0.7	82	3.5	1136	0.6	0.6	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	8646	1.0	624	0.3	0.3	1634	0.8	120	0.2	0.1	C	D	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296A HYPOVOLEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49505, FREQ(B)= 4895, FREQ(C)=39691, FREQ(D)= 4919
PCT(B)= 9.9, PCT(C)= 80.2, PCT(D)= 9.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A185 DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORAT	108	4.5	2980	1.5	1.2	26	4.9	1969	1.3	1.1	B	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	345	4.2	3330	1.2	1.3	58	5.1	1740	1.2	1.1	C	C	C	
MDC 7														
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	464	3.5	2546	0.5	0.6	46	3.7	1034	0.4	0.4	C	C	C	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	521	1.3	1669	0.2	0.4	89	0.6	169	0.1	0.1	C	D	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	463	1.8	1441	0.4	0.5	60	3.6	1133	0.6	0.6	C	C	C	
A207 DISORDERS OF THE BILIARY TRACT	263	2.7	2103	0.8	0.8	37	4.1	1093	0.9	0.6	C	C	C	
MDC 10														
A294 DIABETES	1986	1.5	2098	0.3	0.7	364	1.2	766	0.2	0.4	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	1204	2.5	2109	0.5	0.7	202	3.4	1386	0.5	0.6	C	C	C	
MDC 11														
A316 RENAL FAILURE	637	4.8	3977	0.9	1.0	102	6.1	2049	0.9	0.8	C	C	C	
A320 KIDNEY & URINARY TRACT INFECTIONS	2415	3.0	2691	0.6	0.8	438	4.2	1437	0.7	0.7	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	220	4.1	2712	1.1	1.0	41	12.0	2885	2.3	1.4	C	B	C	
MDC 14														
A383 OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATI	330	-0.3	-204	-0.1	-0.1	79	-1.2	-396	-0.3	-0.3	D	D	C	*
MDC 16														
A395 RED BLOOD CELL DISORDERS	328	2.5	1848	0.6	0.6	42	2.2	810	0.3	0.3	C	C	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	315	5.2	4822	0.9	1.1	27	5.0	1554	0.7	0.5	B	C	C	
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	254	3.7	2433	0.5	0.5	39	3.7	811	0.4	0.3	C	C	C	
MDC 18														
A416 SEPTCEMIA	1234	3.4	4073	0.4	0.6	154	4.9	1537	0.5	0.3	C	C	C	
A419 FEVER OF UNKNOWN ORIGIN	184	1.8	1269	0.4	0.4	43	2.1	291	0.4	0.1	C	C	C	
A421 VIRAL ILLNESS	553	0.2	83	0.1	0.0	138	-0.2	-159	-0.0	-0.1	D	D	C	*

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296A HYPOVOLEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 49505, FREQ(B)= 4895, FREQ(C)=39691, FREQ(D)= 4919
PCT(B)= 9.9, PCT(C)= 80.2, PCT(D)= 9.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 19													
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	263	-202.0	299	-0.9	0.1	53	2.0	305	0.1	0.1	D	C	C
A430 PSYCHOSES	271	-6.7	1572	-0.3	0.3	47	2.9	1896	0.2	0.4	C	C	C
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	452	2.5	1451	0.9	0.6	67	4.1	1142	1.0	0.7	C	C	C
A454 OTHER INJURY, POISONING & TOXIC EFF DIAG	131	2.5	1709	0.9	0.8	31	5.0	1142	1.1	0.6	C	C	C
MDC 23													
A463 SIGNS & SYMPTOMS	137	3.9	2252	0.9	0.8	26	3.3	1426	0.5	0.6	C	C	C

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\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 300 ENDOCRINE DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 5586, FREQ(B)= 773, FREQ(C)= 4523, FREQ(D)= 290
PCT(B)= 13.8, PCT(C)= 81.0, PCT(D)= 5.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A082 RESPIRATORY NEOPLASMS	248	4.5	3329	0.8	0.8	29	3.0	1596	0.4	0.5	C	C	C
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	191	2.0	2267	0.3	0.5	31	3.4	993	0.4	0.4	C	C	C
MDC 5													
A127 HEART FAILURE & SHOCK	156	1.4	1725	0.3	0.4	43	2.7	1110	0.3	0.4	C	C	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	211	1.7	1204	0.5	0.4	51	2.3	1075	0.4	0.5	C	C	C
A140 ANGINA PECTORIS	89	1.2	605	0.3	0.2	31	1.1	467	0.2	0.2	C	C	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	245	1.2	987	0.4	0.4	65	1.2	456	0.3	0.3	C	C	C
MDC 10													
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	194	2.7	2001	0.5	0.6	44	2.1	498	0.3	0.2	C	C	C
MDC 19													
A430 PSYCHOSES	124	-4.3	1570	-0.2	0.3	30	2.0	500	0.1	0.1	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 316 RENAL FAILURE ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 4071, FREQ(B)= 3967, FREQ(C)= 70, FREQ(D)= 34
PCT(B)= 97.4, PCT(C)= 1.7, PCT(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A089 SIMPLE PNEUMONIA & PLEURISY	169	8.0	15560	1.4	3.8	33	11.5	9212	1.7	3.7	B	B	B
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	284	5.9	12597	0.8	2.0	64	3.9	6169	0.4	1.5	B	B	B
A127 HEART FAILURE & SHOCK	384	7.9	11860	1.5	2.8	76	6.7	5528	0.8	1.9	B	B	B
MDC 10													
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	147	6.5	8238	1.3	2.6	36	9.0	5276	1.3	2.3	B	B	B
MDC 18													
A416 SEPTCEMIA	221	5.8	12061	0.7	1.8	43	6.3	6206	0.6	1.4	B	B	B

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 316A CHRONIC RENAL FAILURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 16653, FREQ(B)= 3389, FREQ(C)=12558, FREQ(D)= 706
PCT(B)= 20.4, PCT(C)= 75.4, PCT(D)= 4.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	267	3.1	4678	0.4	0.8	52	3.3	2852	0.3	0.7	B	C	C
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	113	4.6	3007	1.3	1.1	30	3.8	1601	0.7	0.8	C	C	C
A024 SEIZURE & HEADACHE	186	2.8	3803	0.8	1.5	51	2.4	1707	0.5	1.0	C	C	C
MDC 4													
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	381	0.3	1709	0.1	0.3	64	0.6	968	0.1	0.3	C	C	C
A089 SIMPLE PNEUMONIA & PLEURISY	437	4.9	4814	0.9	1.2	81	3.4	2918	0.5	1.2	B	C	C
A096 BRONCHITIS & ASTHMA	136	1.7	1932	0.4	0.5	31	1.5	988	0.3	0.5	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	485	3.2	5569	0.5	0.9	115	4.4	2719	0.4	0.6	B	C	C
A127 HEART FAILURE & SHOCK	1765	1.7	2577	0.3	0.6	434	3.3	1734	0.4	0.6	C	C	C
A130 PERIPHERAL VASCULAR DISORDERS	140	2.6	3132	0.6	1.0	37	3.1	1865	0.5	0.9	C	C	C
A134 HYPERTENSION	234	1.8	2027	0.5	0.8	55	2.6	2922	0.5	1.5	C	B	C
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	332	2.0	2854	0.6	1.0	57	3.9	1690	0.7	0.8	C	C	C
A140 ANGINA PECTORIS	547	1.3	1813	0.4	0.6	98	1.6	1225	0.3	0.5	C	C	C
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	353	2.9	3737	0.7	1.0	73	2.5	2188	0.5	1.0	C	C	C
MDC 6													
A174 G.I. HEMORRHAGE	408	3.0	4037	0.7	1.2	74	2.4	1921	0.4	0.8	C	C	C
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	584	1.8	2222	0.5	0.9	130	3.5	2253	0.7	1.4	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	257	2.3	3763	0.7	1.5	83	4.3	2940	1.0	1.8	C	B	C
MDC 9													
A277 CELLULITIS	146	3.9	4469	0.8	1.3	30	3.6	1428	0.6	0.7	C	C	C
MDC 10													
A294 DIABETES	376	2.3	3587	0.5	1.2	66	1.9	2137	0.3	1.0	C	C	C
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	762	0.8	1901	0.2	0.6	120	0.7	1132	0.1	0.5	C	C	C
MDC 11													

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CADRG 316A CHRONIC RENAL FAILURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 16653, FREQ(B)= 3389, FREQ(C)=12558, FREQ(D)= 706
PCT(B)= 20.4, PCT(C)= 75.4, PCT(D)= 4.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A316 RENAL FAILURE	293	4.4	4422	0.9	1.1	63	5.0	1840	0.8	0.7	C	C	C
A317 ADMIT FOR RENAL DIALYSIS	55	0.6	11	0.3	0.0	150	-0.7	-234	-0.3	-0.1	C	D	C
A320 KIDNEY & URINARY TRACT INFECTIONS	283	4.0	4546	0.8	1.4	50	5.7	2234	1.0	1.1	B	C	C
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	374	3.1	3005	0.8	1.1	74	2.9	1102	0.5	0.5	C	C	C
MDC 16													
A395 RED BLOOD CELL DISORDERS	354	-0.5	310	-0.1	0.1	67	0.5	703	0.1	0.3	D	C	C
MDC 18													
A416 SEPTCEMIA	307	2.4	5632	0.3	0.8	58	0.8	2044	0.1	0.5	B	C	C
MDC 21													
A452 COMPLICATIONS OF TREATMENT	386	1.7	2617	0.4	1.0	86	1.7	2306	0.3	1.2	C	C	C

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 318 KIDNEY & URINARY TRACT NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1373, FREQ(B)= 244, FREQ(C)= 1028, FREQ(D)= 101
PCT(B)= 17.8, PCT(C)= 74.9, PCT(D)= 7.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 17													
A410 CHEMOTHERAPY	223	0.9	504	0.4	0.2	31	0.4	325	0.2	0.3	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 69073, FREQ(B)=27570, FREQ(C)=41315, FREQ(D)= 188
PCT(B)= 39.9, PCT(C)= 59.8, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A010 NERVOUS SYSTEM NEOPLASMS	268	10.8	6401	1.7	1.5	40	11.3	4951	1.5	1.8	B	B	C	*
A012 DEGENERATIVE NERVOUS SYSTEM DISORDERS	778	10.8	6862	0.9	1.0	134	10.6	2834	0.9	0.8	B	B	C	*
A013 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	152	8.1	4643	1.1	1.1	78	4.9	1635	0.6	0.6	B	C	C	
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	3705	8.6	6249	1.0	1.1	722	10.4	3977	0.9	1.0	B	B	C	*
A015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSI	679	3.6	2382	1.1	0.9	164	5.3	1551	0.9	0.8	C	C	C	
A016 NONSPECIFIC CEREBROVASCULAR DISORDERS	207	6.8	4709	1.4	1.4	62	7.3	2542	1.0	1.0	B	B	C	*
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	218	13.7	13000	2.5	3.9	58	4.0	1205	0.6	0.5	B	C	C	
A024 SEIZURE & HEADACHE	764	4.9	4014	1.4	1.5	241	5.9	2264	1.2	1.3	B	C	C	
A034 OTHER DISORDERS OF NERVOUS SYSTEM	252	16.4	10298	2.5	2.4	32	13.1	5501	2.3	2.5	B	B	C	*
MDC 3														
A068 OTITIS MEDIA & URI	180	2.3	1851	0.7	0.8	41	3.9	1595	1.0	1.1	C	C	C	
MDC 4														
A078 PULMONARY EMBOLISM	209	6.9	6505	0.8	1.0	47	4.2	3056	0.4	0.8	B	B	C	*
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	1683	5.8	9247	0.5	1.3	170	4.7	2587	0.4	0.6	B	C	C	
A082 RESPIRATORY NEOPLASMS	479	9.0	6982	1.5	1.6	93	9.5	3615	1.2	1.2	B	B	C	*
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	579	9.4	12061	1.6	1.9	88	7.8	3743	1.0	1.0	B	B	C	*
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	782	6.1	5612	1.0	1.1	170	4.4	2230	0.6	0.8	B	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	2691	6.7	5809	1.2	1.4	488	5.9	2598	0.9	1.0	B	C	C	
A096 BRONCHITIS & ASTHMA	781	3.4	3140	0.8	0.9	200	3.9	1454	0.8	0.7	C	C	C	
A099 RESPIRATORY SIGNS & SYMPTOMS	160	3.4	3497	1.2	1.3	30	6.4	2489	1.5	1.4	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	1551	4.9	5656	0.7	0.9	329	4.3	2254	0.4	0.5	B	C	C	
A124 CIRCULATORY DISORDERS EXCEPT AMI	347	6.5	7244	2.6	1.9	41	5.9	2930	1.6	1.3	B	B	C	*
A127 HEART FAILURE & SHOCK	3011	5.2	5095	1.0	1.2	611	5.9	2423	0.7	0.8	B	C	C	
A128 DEEP VEIN THROMBOPHLEBITIS	233	4.2	3002	0.6	0.8	47	5.4	1426	0.6	0.6	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	442	6.2	3995	1.3	1.3	102	7.3	2375	1.2	1.1	C	B	C	
A132 ATHEROSCLEROSIS	242	4.6	2499	1.3	0.7	72	4.2	1009	0.7	0.4	C	C	C	
A134 HYPERTENSION	293	3.5	3273	0.9	1.2	109	3.3	998	0.6	0.5	C	C	C	
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	1074	4.1	3365	1.2	1.1	196	6.3	2339	1.2	1.1	C	C	C	
A140 ANGINA PECTORIS	1006	2.5	1819	0.7	0.6	329	2.7	1006	0.5	0.4	C	C	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 69073, FREQ(B)=27570, FREQ(C)=41315, FREQ(D)= 188
PCT(B)= 39.9, PCT(C)= 59.8, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A141 SYNCOPE & COLLAPSE	551	2.7	1544	0.8	0.6	133	2.8	829	0.6	0.4	C	C	C	
A143 CHEST PAIN	306	2.1	1253	0.8	0.5	64	1.5	490	0.4	0.3	C	C	C	
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	328	5.4	4868	1.3	1.3	57	4.9	1458	0.9	0.6	B	C	C	
MDC 6														
A172 DIGESTIVE MALIGNANCY	315	6.0	4201	1.0	0.9	66	7.7	2852	1.0	1.0	C	B	C	
A174 G.I. HEMORRHAGE	1108	5.4	4298	1.3	1.3	182	5.5	2313	1.0	1.0	C	C	C	
A177 UNCOMPLICATED PEPTIC ULCER	146	2.5	1710	0.7	0.7	39	3.1	1230	0.6	0.7	C	C	C	
A180 G.I. OBSTRUCTION	749	4.7	3743	1.1	1.4	134	4.5	1770	0.8	0.9	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	2511	3.3	2245	1.0	1.0	692	3.5	1256	0.7	0.8	C	C	C	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	295	5.9	4966	1.7	1.9	86	6.8	2505	1.6	1.5	B	B	C	*
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	382	7.1	6175	1.1	1.5	60	7.9	3635	1.0	1.5	B	B	C	*
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	185	7.8	5631	1.2	1.3	34	6.0	2113	0.7	0.7	B	C	C	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	338	3.4	2574	0.6	0.7	94	2.1	984	0.3	0.4	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	451	6.2	5272	1.3	1.7	83	5.8	3232	1.0	1.6	B	B	C	*
A207 DISORDERS OF THE BILIARY TRACT	290	3.4	2763	1.0	1.1	60	3.3	1086	0.7	0.6	C	C	C	
MDC 8														
A236 FRACTURES OF HIP & PELVIS	506	5.7	3306	0.7	0.8	66	5.2	1850	0.5	0.6	C	C	C	
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	542	6.5	4387	0.9	1.1	48	8.4	3207	0.9	1.1	C	B	C	
A240 CONNECTIVE TISSUE DISORDERS	260	4.1	3652	0.7	1.0	75	3.4	1550	0.5	0.6	C	C	C	
A243 MEDICAL BACK PROBLEMS	1322	4.8	2488	0.9	0.8	275	5.4	1580	0.8	0.7	C	C	C	
A244 BONE DISEASES & SPECIFIC ARTHROPATHIES	185	2.7	1623	0.6	0.6	62	3.3	985	0.5	0.5	C	C	C	
A253 FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	309	5.7	3291	1.5	1.4	49	8.5	2745	1.6	1.6	C	B	C	
MDC 9														
A271 SKIN ULCERS	323	10.2	7228	1.0	1.3	60	8.6	3034	0.7	0.9	B	B	C	*
A272 MAJOR SKIN DISORDERS	107	10.3	6907	1.2	1.6	30	7.4	2249	0.9	0.9	B	B	C	*
A274 MALIGNANT BREAST DISORDERS	75	11.5	7174	2.5	2.2	27	6.5	2152	0.7	0.7	B	C	C	
A277 CELLULITIS	378	4.8	3353	0.9	1.0	79	6.8	2558	1.1	1.2	C	C	C	
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	216	5.1	2910	2.0	1.5	33	8.0	1915	2.3	1.2	B	B	C	*
MDC 10														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 69073, FREQ(B)=27570, FREQ(C)=41315, FREQ(D)= 188
PCT(B)= 39.9, PCT(C)= 59.8, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A294 DIABETES	2004	3.7	3186	0.8	1.1	518	3.6	1608	0.5	0.8	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	3040	4.2	3034	0.9	1.0	468	4.5	1718	0.7	0.8	C	C	C	
A300 ENDOCRINE DISORDERS	156	6.1	4979	1.4	1.6	47	5.4	2842	0.9	1.3	B	C	C	
MDC 11														
A316 RENAL FAILURE	618	7.6	6376	1.5	1.6	129	8.3	3388	1.3	1.3	B	B	C	*
A318 KIDNEY & URINARY TRACT NEOPLASMS	124	6.1	3999	1.8	1.5	28	7.9	2657	1.2	1.1	B	B	C	*
A325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS	431	3.4	2044	1.0	0.9	132	3.5	1099	0.8	0.7	C	C	C	
A328 URETHRAL STRICTURE	128	2.2	1522	0.8	0.7	73	3.9	1253	1.1	0.9	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	714	3.3	2456	0.9	0.9	178	5.6	1778	1.1	0.9	C	C	C	
MDC 12														
A346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM	165	10.3	5705	3.2	2.1	34	7.4	2935	1.4	1.5	B	B	C	*
A348 BENIGN PROSTATIC HYPERTROPHY	108	7.4	1942	3.3	1.0	42	4.1	1580	1.2	1.2	B	C	C	
A350 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	301	1.8	1201	0.4	0.4	68	3.1	616	0.7	0.4	C	C	C	
MDC 13														
A366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM	102	8.1	5839	2.1	1.9	29	7.3	3112	1.6	1.8	B	B	C	*
A368 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	272	0.8	655	0.2	0.2	82	0.9	323	0.2	0.2	C	D	C	
A369 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DI	122	2.1	1663	0.9	1.0	28	1.5	519	0.6	0.5	C	C	C	
MDC 14														
A378 ECTOPIC PREGNANCY	119	0.7	798	0.2	0.2	32	0.5	431	0.1	0.2	C	C	C	
A383 OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATI	697	0.3	591	0.1	0.3	34	-0.3	61	-0.1	0.0	C	D	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	635	2.8	2146	0.6	0.7	183	3.2	1532	0.5	0.6	C	C	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	380	9.8	7779	1.7	1.8	79	12.9	6913	1.8	2.4	B	B	C	*
A410 CHEMOTHERAPY	216	4.6	3486	2.1	1.6	48	3.6	1485	1.6	1.2	B	B	C	*
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	175	8.3	5400	1.2	1.2	37	10.6	4060	1.2	1.5	B	B	C	*
MDC 18														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 69073, FREQ(B)=27570, FREQ(C)=41315, FREQ(D)= 188
PCT(B)= 39.9, PCT(C)= 59.8, PCT(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A416 SEPTCEMIA	3125	3.7	3597	0.4	0.5	506	4.0	1378	0.4	0.3	C	C	C
A419 FEVER OF UNKNOWN ORIGIN	215	5.0	2803	1.1	0.8	54	4.2	1516	0.7	0.7	C	C	C
A421 VIRAL ILLNESS	143	3.3	2272	0.9	1.0	34	1.3	462	0.3	0.3	C	C	C
A423 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES	341	3.8	3505	0.6	0.8	39	3.8	1643	0.6	0.8	C	C	C
MDC 19													
A425 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCI	120	4.1	2551	0.7	0.9	28	2.8	1366	0.4	0.6	C	C	C
A426 DEPRESSIVE NEUROSES	129	3.2	1658	0.4	0.5	50	5.2	1505	0.5	0.5	C	C	C
A429 ORGANIC DISTURBANCES & MENTAL RETARDATION	418	-187.9	3282	-0.9	0.7	120	6.2	1871	0.5	0.5	C	C	C
A430 PSYCHOSES	873	-2.4	2869	-0.1	0.5	184	2.5	1226	0.2	0.3	C	C	C
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	532	3.6	2743	1.3	1.2	94	5.0	2062	1.3	1.2	C	C	C
A452 COMPLICATIONS OF TREATMENT	212	6.0	5204	1.5	2.0	42	3.3	1315	0.6	0.7	B	C	C
MDC 23													
A463 SIGNS & SYMPTOMS	164	6.2	4201	1.4	1.5	32	7.0	2790	1.1	1.2	C	B	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 324 URINARY STONES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4045, FREQ(B)= 560, FREQ(C)= 1662, FREQ(D)= 1823
PCT(B)= 13.8, PCT(C)= 41.1, PCT(D)= 45.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	123	1.2	956	0.3	0.4	28	0.8	399	0.2	0.2	C	C	C
MDC 11													
A320 KIDNEY & URINARY TRACT INFECTIONS	343	2.2	2354	0.5	0.7	70	2.9	1189	0.5	0.6	C	C	C
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	141	1.0	1103	0.3	0.4	27	0.6	116	0.1	0.1	C	D	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 13799, FREQ(B)= 1894, FREQ(C)=10559, FREQ(D)= 1346
PCT(B)= 13.7, PCT(C)= 76.5, PCT(D)= 9.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	352	4.7	4572	0.5	0.8	50	9.0	4512	0.8	1.2	B	B	C	*
MDC 4														
A089 SIMPLE PNEUMONIA & PLEURISY	282	3.6	4044	0.6	1.0	54	4.0	1715	0.6	0.7	C	C	C	
MDC 5														
A127 HEART FAILURE & SHOCK	395	3.8	3527	0.7	0.8	58	5.0	1625	0.6	0.6	C	C	C	
A140 ANGINA PECTORIS	118	2.1	1634	0.6	0.5	33	2.0	1071	0.4	0.5	C	C	C	
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	498	2.0	1333	0.6	0.6	95	2.4	735	0.5	0.4	C	C	C	
MDC 8														
A243 MEDICAL BACK PROBLEMS	473	2.5	1603	0.5	0.5	76	3.2	1058	0.5	0.5	C	C	C	
MDC 10														
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	273	3.0	2129	0.6	0.7	30	3.6	1389	0.5	0.6	C	C	C	
MDC 11														
A318 KIDNEY & URINARY TRACT NEOPLASMS	170	2.4	1174	0.7	0.4	31	2.6	721	0.4	0.3	C	C	C	
A320 KIDNEY & URINARY TRACT INFECTIONS	833	1.7	1358	0.4	0.4	198	2.2	689	0.4	0.3	C	C	C	
A328 URETHRAL STRICTURE	103	1.9	894	0.7	0.4	32	2.2	537	0.6	0.4	C	C	C	
A331 OTHER KIDNEY & URINARY TRACT DIAGNOSES	654	1.2	703	0.3	0.3	128	1.3	290	0.3	0.1	C	C	C	
MDC 12														
A346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM	175	2.7	1270	0.8	0.5	32	3.6	712	0.7	0.4	C	C	C	
A348 BENIGN PROSTATIC HYPERTROPHY	382	1.6	949	0.7	0.5	76	2.4	669	0.7	0.5	C	C	C	
A350 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	142	0.5	477	0.1	0.2	27	0.7	241	0.1	0.2	D	D	C	*

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 13799, FREQ(B)= 1894, FREQ(C)=10559, FREQ(D)= 1346
PCT(B)= 13.7, PCT(C)= 76.5, PCT(D)= 9.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 19													
A430 PSYCHOSES	163	1.4	4174	0.1	0.8	33	6.9	2368	0.4	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 331B (B) OTHER KIDNEY & URINARY TRACT DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 10094, FREQ(B)= 1368, FREQ(C)= 8426, FREQ(D)= 300
PCT(B)= 13.6, PCT(C)= 83.5, PCT(D)= 3.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	213	2.7	3753	0.3	0.6	28	3.6	1488	0.3	0.4	C	C	C
MDC 5													
A121 CIRCULATORY DISORDERS W AMI	217	3.7	5453	0.5	0.8	33	2.9	1846	0.3	0.4	B	C	C
A127 HEART FAILURE & SHOCK	755	3.3	3341	0.6	0.8	108	3.0	1300	0.4	0.4	C	C	C
A140 ANGINA PECTORIS	225	2.2	2087	0.6	0.7	34	4.5	1991	0.8	0.9	C	C	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	324	2.3	1937	0.6	0.8	65	2.7	1182	0.6	0.7	C	C	C
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	75	1.7	1904	0.5	0.7	26	3.1	1714	0.7	1.0	C	C	C
MDC 8													
A243 MEDICAL BACK PROBLEMS	188	2.9	1913	0.5	0.6	26	0.8	488	0.1	0.2	C	C	C
MDC 10													
A294 DIABETES	644	2.3	2711	0.5	0.9	94	2.9	1388	0.4	0.6	C	C	C
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	331	1.8	2446	0.4	0.8	51	1.0	889	0.1	0.4	C	C	C
MDC 11													
A316 RENAL FAILURE	465	3.0	3919	0.6	1.0	66	3.5	1406	0.5	0.5	C	C	C
A320 KIDNEY & URINARY TRACT INFECTIONS	405	2.6	2409	0.5	0.7	68	3.0	1189	0.5	0.6	C	C	C
A325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS	146	1.2	789	0.4	0.3	35	2.5	1093	0.6	0.7	C	C	C
MDC 12													
A348 BENIGN PROSTATIC HYPERTROPHY	130	2.3	1266	1.0	0.7	28	4.3	1866	1.3	1.4	C	C	C
MDC 21													
A452 COMPLICATIONS OF TREATMENT	305	2.3	2527	0.6	1.0	31	1.3	697	0.3	0.3	C	C	C

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 331B (B) OTHER KIDNEY & URINARY TRACT DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 10094, FREQ(B)= 1368, FREQ(C)= 8426, FREQ(D)= 300
PCT(B)= 13.6, PCT(C)= 83.5, PCT(D)= 3.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 484, FREQ(B)= 45, FREQ(C)= 205, FREQ(D)= 234
PCT(B)= 9.3, PCT(C)= 42.4, PCT(D)= 48.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 17													
A410 CHEMOTHERAPY	195	0.4	-99	0.2	-0.0	41	0.6	57	0.3	0.0	D	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 373 DELIVERY W COMPLICATION II ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1599, FREQ(B)= 10, FREQ(C)= 1572, FREQ(D)= 17
PCT(B)= 0.6, PCT(C)= 98.3, PCT(D)= 1.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A372 VAGINAL DELIVERY W COMPLICATING DIAGNOSES	1356	1.0	924	0.4	0.5	176	1.3	497	0.4	0.3	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 376 POSTPARTUM & POST ABORTION DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 478, FREQ(B)= 43, FREQ(C)= 372, FREQ(D)= 63
PCT(B)= 9.0, PCT(C)= 77.8, PCT(D)= 13.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A378 ECTOPIC PREGNANCY	185	0.7	1076	0.2	0.3	26	0.9	574	0.2	0.2	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 379 THREATENED ABORTION ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 733, FREQ(B)= 3, FREQ(C)= 630, FREQ(D)= 100
PCT(B)= 0.4, PCT(C)= 85.9, PCT(D)= 13.6

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A383 OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATI	256	0.6	970	0.2	0.6	38	-0.3	85	-0.1	0.1	C	D	C
A384 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICA	310	1.4	826	0.6	0.6	40	2.2	1381	0.7	1.2	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 383A (A) COMPLICATING OTHER ANTEPARTUM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE D
FREQ(TOTAL)= 240, FREQ(B)= 171, FREQ(C)= 14, FREQ(D)= 55
PCT(B)= 71.3, PCT(C)= 5.8, PCT(D)= 22.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 14														
A372 VAGINAL DELIVERY W COMPLICATING DIAGNOSES						1	-2.6	-1204	-0.7	-0.6		D	B	#
A373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	9	1.1	1134	0.5	0.8	2	-1.2	-788	-0.4	-0.6	C	D	B	#
A376 POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. P													B	#
A378 ECTOPIC PREGNANCY													B	#
A379 THREATENED ABORTION	138	3.6	2621	1.5	1.8	8	5.1	1299	1.8	1.1	B	B	B	#
A380 ABORTION W/O D&C													B	#
A382 FALSE LABOR	19	1.8	1298	1.3	1.6	1	-0.5	-96	-0.3	-0.1	B	D	B	#
A383 OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATI													B	#
A384 OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICA													B	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 383B (B) COMPLICATING OTHER ANTEPARTUM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1231, FREQ(B)= 5, FREQ(C)= 1000, FREQ(D)= 226
PCT(B)= 0.4, PCT(C)= 81.2, PCT(D)= 18.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A379 THREATENED ABORTION	644	1.1	813	0.4	0.6	93	0.5	430	0.2	0.4	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 395 RED BLOOD CELL DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 24386, FREQ(B)= 7297, FREQ(C)=16486, FREQ(D)= 603
PCT(B)= 29.9, PCT(C)= 67.6, PCT(D)= 2.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	239	7.3	7274	0.8	1.2	32	7.2	4145	0.6	1.1	B	B	C	*
A024 SEIZURE & HEADACHE	85	3.6	4400	1.0	1.7	30	5.3	2506	1.1	1.4	B	C	C	
MDC 3														
A066 EPISTAXIS	251	1.3	1740	0.4	0.8	40	2.1	1112	0.5	0.8	C	C	C	
MDC 4														
A078 PULMONARY EMBOLISM	45	4.2	5759	0.5	0.9	10	-0.5	1701	-0.0	0.4	B	C	B	#
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	278	9.6	10971	0.9	1.5	21	5.2	4550	0.5	1.0	B	B	B	#
A082 RESPIRATORY NEOPLASMS	278	5.3	5331	0.9	1.2	42	5.3	3580	0.7	1.2	B	B	B	*#
A083 MAJOR CHEST TRAUMA	21	3.0	3379	0.8	1.1						C		B	#
A085 PLEURAL EFFUSION	45	6.2	7619	1.2	2.1	6	11.0	6949	1.5	2.6	B	B	B	#
A087 PULMONARY EDEMA & RESPIRATORY FAILURE	113	10.0	14381	1.7	2.3	11	4.6	2390	0.6	0.6	B	C	B	#
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	117	4.1	5160	0.7	1.0	19	9.8	3874	1.3	1.4	B	B	B	#
A089 SIMPLE PNEUMONIA & PLEURISY	500	5.1	6164	0.9	1.5	85	6.3	3608	0.9	1.5	B	B	B	*#
A092 INTERSTITIAL LUNG DISEASE	28	7.0	8203	1.3	2.0	11	4.5	1490	0.7	0.5	B	C	B	#
A094 PNEUMOTHORAX	28	4.4	4522	1.0	1.5						B		B	#
A096 BRONCHITIS & ASTHMA	118	4.3	4763	1.0	1.4	17	3.0	1214	0.6	0.6	B	C	B	#
A099 RESPIRATORY SIGNS & SYMPTOMS	64	5.4	6444	1.9	2.3	9	8.3	3468	2.0	1.9	B	B	B	#
A101 OTHER RESPIRATORY SYSTEM DIAGNOSES	54	19.0	15811	5.6	5.8	4	11.2	9123	1.9	4.5	B	B	B	#
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	286	4.5	5930	0.6	0.9	45	3.5	2985	0.4	0.7	B	C	C	
A127 HEART FAILURE & SHOCK	719	3.4	3629	0.6	0.9	104	3.7	1911	0.5	0.7	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	178	3.4	3699	0.7	1.2	33	2.7	1300	0.4	0.6	C	C	C	
A140 ANGINA PECTORIS	266	2.8	2403	0.8	0.8	83	3.6	1860	0.6	0.8	C	C	C	
MDC 6														
A172 DIGESTIVE MALIGNANCY	364	2.2	1505	0.3	0.3	56	3.1	1958	0.4	0.7	C	C	C	
A174 G.I. HEMORRHAGE	5654	1.8	1646	0.5	0.5	675	2.7	1422	0.5	0.6	C	C	C	
A179 INFLAMMATORY BOWEL DISEASE	160	2.7	2613	0.4	0.6	32	4.8	2402	0.6	0.9	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1047	2.5	2414	0.7	1.0	222	3.5	1742	0.7	1.0	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 395 RED BLOOD CELL DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 24386, FREQ(B)= 7297, FREQ(C)=16486, FREQ(D)= 603
PCT(B)= 29.9, PCT(C)= 67.6, PCT(D)= 2.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A188 OTHER DIGESTIVE SYSTEM DIAGNOSES	264	3.5	3427	1.0	1.3	45	6.4	2783	1.5	1.7	C	B	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	390	3.7	4932	0.6	1.2	42	3.6	2380	0.5	1.0	B	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	251	4.6	4850	1.0	1.5	28	7.2	4420	1.3	2.2	B	B	C	*
MDC 10														
A294 DIABETES	137	4.4	4328	0.9	1.5	27	6.3	2705	0.9	1.3	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	323	4.5	3935	0.9	1.3	47	7.2	3097	1.1	1.4	C	B	C	
MDC 11														
A316 RENAL FAILURE	214	4.7	5076	0.9	1.3	39	0.6	1181	0.1	0.5	B	C	C	
A320 KIDNEY & URINARY TRACT INFECTIONS	264	3.6	3056	0.8	1.0	63	5.6	2663	0.9	1.3	C	C	C	
MDC 13														
A369 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DI	166	0.7	884	0.3	0.5	36	0.0	167	0.0	0.1	C	D	C	
MDC 14														
A373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	489	0.6	437	0.3	0.3	34	0.7	421	0.2	0.3	C	C	C	
A378 ECTOPIC PREGNANCY	457	0.5	729	0.1	0.2	61	0.5	707	0.1	0.3	C	C	C	
MDC 16														
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	243	3.2	2962	0.6	0.7	28	4.3	3430	0.6	1.3	C	B	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	627	5.0	5770	0.9	1.3	108	13.6	16881	1.9	5.8	B	B	B	*#
A405 ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE	300	10.2	15924	1.0	1.6	71	24.2	43113	1.8	3.8	B	B	B	*#
A409 RADIOTHERAPY	11	17.5	16795	6.7	9.0	1	24.4	9745	5.3	5.3	B	B	B	#
A410 CHEMOTHERAPY	310	4.7	5334	2.1	2.4	40	3.6	3764	1.6	3.0	B	B	B	*#
A411 HISTORY OF MALIGNANCY W/O ENDOSCOPY	6	-0.6	1049	-0.1	0.3	8	21.4	28458	3.1	13.2	C	B	B	#
A412 HISTORY OF MALIGNANCY W ENDOSCOPY						1	32.5	52253	9.2	24.6		B	B	#
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	86	5.4	5155	0.8	1.1	11	0.8	1577	0.1	0.6	B	C	B	#

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 395 RED BLOOD CELL DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 24386, FREQ(B)= 7297, FREQ(C)=16486, FREQ(D)= 603
PCT(B)= 29.9, PCT(C)= 67.6, PCT(D)= 2.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 18														
A416 SEPTCEMIA	373	4.8	6781	0.6	1.0	52	5.1	3831	0.5	0.9	B	B	B	*#
A419 FEVER OF UNKNOWN ORIGIN	102	3.2	4631	0.7	1.4	35	2.9	3209	0.5	1.5	B	B	C	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 397 COAGULATION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 8921, FREQ(B)= 4030, FREQ(C)= 4770, FREQ(D)= 121
PCT(B)= 45.2, PCT(C)= 53.5, PCT(D)= 1.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	160	3.7	5310	0.4	0.9	30	11.8	8498	1.0	2.2	B	B	B	*#
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	117	6.2	15481	0.6	2.1	9	8.0	9561	0.7	2.2	B	B	B	#
A089 SIMPLE PNEUMONIA & PLEURISY	172	4.3	7135	0.8	1.8	31	7.7	6639	1.1	2.7	B	B	B	*#
MDC 5														
A127 HEART FAILURE & SHOCK	189	4.3	5912	0.8	1.4	39	4.8	2877	0.6	1.0	B	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	537	2.8	3747	0.7	1.2	76	2.2	2882	0.4	1.2	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	237	3.3	3478	1.0	1.5	48	2.1	1680	0.4	1.0	C	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	446	3.3	3669	0.5	0.9	59	2.6	2519	0.3	1.0	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	307	4.3	4825	0.9	1.5	48	3.3	2334	0.6	1.2	B	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	343	1.9	2666	0.4	0.9	62	2.2	2028	0.3	0.8	C	C	C	
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	145	3.9	4289	0.7	1.0	40	3.2	2208	0.5	0.8	C	C	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	343	5.5	6828	0.9	1.6	52	6.2	6787	0.9	2.3	B	B	B	*#
A405 ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE	303	9.4	16228	0.9	1.6	43	10.2	18502	0.7	1.6	B	B	B	*#
A409 RADIOTHERAPY	3	9.1	6358	3.5	3.4	1	2.4	-179	0.5	-0.1	B	C	B	#
A410 CHEMOTHERAPY	123	5.8	6271	2.7	2.8	26	4.4	2874	1.9	2.3	B	B	B	*#
A411 HISTORY OF MALIGNANCY W/O ENDOSCOPY	3	-3.6	-1543	-0.6	-0.5	2	1.5	9496	0.2	4.4	D	B	B	#
A412 HISTORY OF MALIGNANCY W ENDOSCOPY	1	1.1	-6	0.6	-0.0	2	22.5	27747	6.4	13.1	C	B	B	#
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	23	3.0	3679	0.4	0.8	7	4.8	2985	0.6	1.1	C	C	B	#

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 397 COAGULATION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 8921, FREQ(B)= 4030, FREQ(C)= 4770, FREQ(D)= 121
PCT(B)= 45.2, PCT(C)= 53.5, PCT(D)= 1.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 18													
A416 SEPTCEMIA	195	4.7	8123	0.6	1.2	27	0.6	5013	0.1	1.1	B	B	B *#

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 6729, FREQ(B)= 3032, FREQ(C)= 3519, FREQ(D)= 178
PCT(B)= 45.1, PCT(C)= 52.3, PCT(D)= 2.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	533	4.3	7561	0.4	1.0	15	5.1	6238	0.5	1.4	B	B	B	#
A082 RESPIRATORY NEOPLASMS	143	5.8	6356	1.0	1.4	33	3.1	1788	0.4	0.6	B	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	296	4.4	5728	0.8	1.4	39	5.1	4202	0.7	1.7	B	B	B	*#
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	255	3.1	2802	0.9	1.2	48	1.6	944	0.3	0.6	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	229	2.5	3878	0.6	1.2	33	-1.4	156	-0.2	0.1	C	D	C	
MDC 17														
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	311	5.9	7195	1.0	1.7	45	8.6	5499	1.2	1.9	B	B	B	*#
A405 ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE	151	18.1	26667	1.7	2.6	21	8.0	8925	0.6	0.8	B	B	B	#
A409 RADIOTHERAPY	6	18.9	14364	7.3	7.7	3	16.1	4285	3.5	2.3	B	B	B	#
A410 CHEMOTHERAPY	220	3.4	4007	1.6	1.8	37	5.9	5100	2.6	4.0	B	B	B	*#
A411 HISTORY OF MALIGNANCY W/O ENDOSCOPY	5	-1.9	1051	-0.3	0.3	4	8.8	5370	1.3	2.5	C	B	B	#
A412 HISTORY OF MALIGNANCY W ENDOSCOPY													B	#
A413 OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG	32	7.8	5489	1.2	1.2	5	13.2	6618	1.5	2.4	B	B	B	#
MDC 18														
A416 SEPTCEMIA	286	2.7	4380	0.3	0.7	50	0.8	2430	0.1	0.5	C	C	C	
A419 FEVER OF UNKNOWN ORIGIN	197	2.7	2738	0.6	0.8	87	3.5	4852	0.6	2.2	C	B	C	
A421 VIRAL ILLNESS	127	2.8	2840	0.8	1.2	40	0.8	493	0.2	0.3	C	C	C	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 403 LYMPHOMA & NON-ACUTE LEUKEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 14640, FREQ(B)= 2623, FREQ(C)=11202, FREQ(D)= 815
PCT(B)= 17.9, PCT(C)= 76.5, PCT(D)= 5.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A082 RESPIRATORY NEOPLASMS	755	3.0	2777	0.5	0.6	133	3.8	1095	0.5	0.4	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	622	3.9	4639	0.7	1.1	106	6.3	3671	0.9	1.5	B	B	C	*
MDC 5														
A127 HEART FAILURE & SHOCK	288	3.0	2943	0.6	0.7	66	3.3	1947	0.4	0.7	C	C	C	
A140 ANGINA PECTORIS	123	1.5	929	0.4	0.3	32	1.3	345	0.2	0.2	C	C	C	
MDC 6														
A172 DIGESTIVE MALIGNANCY	203	4.4	3400	0.7	0.7	41	2.1	948	0.3	0.3	C	C	C	
A174 G.I. HEMORRHAGE	194	2.9	2896	0.7	0.9	29	1.5	2359	0.3	1.0	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	327	2.3	1699	0.7	0.7	58	2.8	1760	0.6	1.1	C	C	C	
MDC 7														
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	169	3.4	2323	0.5	0.5	28	-0.1	526	-0.0	0.2	C	C	C	
MDC 8														
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	277	4.2	3331	0.6	0.8	44	3.4	794	0.3	0.3	C	C	C	
A243 MEDICAL BACK PROBLEMS	161	4.0	2415	0.7	0.7	34	3.4	2122	0.5	1.0	C	C	C	
MDC 10														
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	328	2.9	2351	0.6	0.8	36	4.3	2956	0.6	1.3	C	C	C	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	133	3.2	3588	0.7	1.1	33	3.6	1609	0.6	0.8	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	525	-0.4	141	-0.1	0.0	119	2.2	3516	0.3	1.4	D	B	C	
A398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS	186	2.8	3343	0.5	0.8	48	4.1	1768	0.6	0.6	C	C	C	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 403 LYMPHOMA & NON-ACUTE LEUKEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 14640, FREQ(B)= 2623, FREQ(C)=11202, FREQ(D)= 815
PCT(B)= 17.9, PCT(C)= 76.5, PCT(D)= 5.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 17														
A409 RADIOTHERAPY	122	6.8	5202	2.6	2.8	35	3.9	2623	0.9	1.4	B	C	C	
A410 CHEMOTHERAPY	3213	0.8	636	0.3	0.3	549	0.9	732	0.4	0.6	C	C	C	
MDC 18														
A416 SEPTCEMIA	370	3.4	4985	0.4	0.7	56	3.1	4323	0.3	1.0	B	B	C	*
A419 FEVER OF UNKNOWN ORIGIN	165	2.0	2792	0.4	0.8	52	2.9	3235	0.5	1.5	C	B	C	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 405 ACUTE LEUKEMIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 887, FREQ(B)= 623, FREQ(C)= 209, FREQ(D)= 55
PCT(B)= 70.2, PCT(C)= 23.6, PCT(D)= 6.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 17													
A410 CHEMOTHERAPY	208	10.6	12129	4.8	5.4	58	6.1	6268	2.7	5.0	B	B	B

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 413 OTH MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 8033, FREQ(B)= 1083, FREQ(C)= 6596, FREQ(D)= 354
PCT(B)= 13.5, PCT(C)= 82.1, PCT(D)= 4.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 3													
A064 EAR, NOSE & THROAT MALIGNANCY	127	6.5	5522	1.3	1.6	36	4.3	1017	0.8	0.4	B	C	C
MDC 4													
A082 RESPIRATORY NEOPLASMS	805	4.6	3480	0.8	0.8	119	5.8	2152	0.7	0.7	C	C	C
MDC 6													
A172 DIGESTIVE MALIGNANCY	406	4.5	2611	0.7	0.6	85	6.5	1750	0.8	0.6	C	C	C
MDC 7													
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	261	4.7	3208	0.7	0.7	35	4.1	786	0.5	0.3	C	C	C
MDC 8													
A239 PATHOLOGICAL FRACTURES & MUSCULO & CONN TISS MA	204	4.0	3780	0.5	0.9	34	0.9	442	0.1	0.1	C	C	C
MDC 13													
A366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM	184	6.1	4117	1.6	1.4	51	3.0	988	0.6	0.6	B	C	C
MDC 17													
A410 CHEMOTHERAPY	2023	0.7	436	0.3	0.2	318	0.7	244	0.3	0.2	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 416 SEPTICEMIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 11881, FREQ(B)= 9444, FREQ(C)= 2423, FREQ(D)= 14
PCT(B)= 79.5, PCT(C)= 20.4, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	359	12.8	13471	1.5	2.3	91	11.7	7184	1.0	1.9	B	B	B	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	593	7.4	14995	0.7	2.1	61	6.8	6641	0.6	1.5	B	B	B	
A082 RESPIRATORY NEOPLASMS	139	9.9	11648	1.7	2.6	30	6.4	3456	0.8	1.2	B	B	B	
A089 SIMPLE PNEUMONIA & PLEURISY	904	5.9	8926	1.1	2.2	199	6.6	4253	1.0	1.7	B	B	B	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	246	8.1	14904	1.2	2.3	48	8.8	9368	0.9	2.2	B	B	B	
A127 HEART FAILURE & SHOCK	286	9.4	13329	1.7	3.2	59	9.8	5802	1.2	2.0	B	B	B	
MDC 6														
A174 G.I. HEMORRHAGE	152	11.9	16612	2.9	5.1	29	8.0	7078	1.4	3.0	B	B	B	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	215	6.4	6348	1.9	2.7	54	8.5	4070	1.8	2.4	B	B	B	
MDC 7														
A207 DISORDERS OF THE BILIARY TRACT	139	6.5	7011	1.9	2.7	34	8.7	5695	1.9	3.2	B	B	B	
MDC 9														
A277 CELLULITIS	295	3.7	3622	0.7	1.1	62	6.4	2875	1.0	1.4	C	C	B	*
MDC 10														
A294 DIABETES	213	7.8	11207	1.7	3.8	51	7.3	5414	1.0	2.5	B	B	B	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	237	8.0	8024	1.6	2.6	53	9.0	5843	1.3	2.6	B	B	B	
MDC 11														
A316 RENAL FAILURE	150	8.2	11562	1.6	2.9	31	12.9	5890	2.0	2.3	B	B	B	
A320 KIDNEY & URINARY TRACT INFECTIONS	1366	4.4	4044	0.9	1.3	337	5.4	2107	0.9	1.0	C	C	B	*

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 416 SEPTICEMIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 11881, FREQ(B)= 9444, FREQ(C)= 2423, FREQ(D)= 14
PCT(B)= 79.5, PCT(C)= 20.4, PCT(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 16													
A395 RED BLOOD CELL DISORDERS	125	9.6	13799	2.2	4.4	31	13.7	17074	2.0	6.8	B	B	B
MDC 17													
A403 LYMPHOMA & NON-ACUTE LEUKEMIA	225	12.6	14927	2.1	3.4	64	17.4	18911	2.4	6.5	B	B	B
A405 ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE	232	16.7	26720	1.6	2.6	66	19.4	37818	1.4	3.3	B	B	B
MDC 21													
A452 COMPLICATIONS OF TREATMENT	117	8.4	8761	2.1	3.3	28	12.4	8105	2.4	4.2	B	B	B

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MEDICAL MODEL
(FREQ > 25 BY ADRC AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 418 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1424, FREQ(B)= 721, FREQ(C)= 610, FREQ(D)= 93
PCT(B)= 50.6, PCT(C)= 42.8, PCT(D)= 6.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 9													
A277 CELLULITIS	100	1.0	737	0.2	0.2	27	1.4	554	0.2	0.3	C	C	C

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CADRG 430 PSYCHOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4677, FREQ(B)= 350, FREQ(C)= 3638, FREQ(D)= 689
PCT(B)= 7.5, PCT(C)= 77.8, PCT(D)= 14.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A024 SEIZURE & HEADACHE	162	1.0	956	0.3	0.4	30	2.5	911	0.5	0.5	C	C	C
MDC 4													
A096 BRONCHITIS & ASTHMA	78	1.4	1688	0.3	0.5	26	4.4	1703	0.8	0.8	C	C	C
MDC 6													
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	121	1.9	974	0.5	0.4	28	7.2	2098	1.5	1.3	C	B	C
MDC 21													
A449 POISONING & TOXIC EFFECTS OF DRUGS	600	2.5	1538	0.9	0.7	118	5.5	1875	1.4	1.1	C	C	C

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CADRG 434 ALC/DRUG ABUSE,INTOX,INDUCE MNTL SYN EXC DEPN ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 9516, FREQ(B)= 409, FREQ(C)= 7356, FREQ(D)= 1751
PCT(B)= 4.3, PCT(C)= 77.3, PCT(D)= 18.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A024 SEIZURE & HEADACHE	260	0.8	812	0.2	0.3	73	2.1	979	0.4	0.6	C	C	C	
A028 TRAUMATIC STUPOR & COMA, COMA <1 HR	143	1.3	1060	0.2	0.2	27	2.3	1179	0.5	0.6	C	C	C	
MDC 4														
A089 SIMPLE PNEUMONIA & PLEURISY	126	1.7	1921	0.3	0.5	32	2.0	1210	0.3	0.5	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	187	1.6	2320	0.4	0.7	27	0.8	1384	0.1	0.6	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	247	0.8	743	0.2	0.3	51	0.4	383	0.1	0.2	C	C	C	
MDC 7														
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	255	0.0	336	0.0	0.1	74	-0.4	118	-0.1	0.1	D	D	C	*
MDC 9														
A277 CELLULITIS	176	0.8	806	0.2	0.2	43	1.3	798	0.2	0.4	C	C	C	
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	215	0.8	930	0.3	0.5	43	-0.4	238	-0.1	0.2	C	D	C	
MDC 19														
A426 DEPRESSIVE NEUROSES	297	-1.6	-560	-0.2	-0.2	101	-0.3	354	-0.0	0.1	D	D	C	*
A430 PSYCHOSES	908	6.1	-437	0.3	-0.1	162	1.3	1396	0.1	0.3	C	C	C	
MDC 21														
A449 POISONING & TOXIC EFFECTS OF DRUGS	544	0.7	630	0.2	0.3	93	1.0	655	0.3	0.4	C	C	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 435 ALC/DRUG DEPENDENCE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 31250, FREQ(B)= 867, FREQ(C)=21699, FREQ(D)= 8684
PCT(B)= 2.8, PCT(C)= 69.4, PCT(D)= 27.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	316	2.8	3843	0.3	0.6	87	3.8	2563	0.3	0.7	C	C	C	
A018 CRANIAL & PERIPHERAL NERVE DISORDERS	109	3.1	1687	0.6	0.5	45	5.3	1744	0.8	0.8	C	C	C	
A024 SEIZURE & HEADACHE	1503	0.4	507	0.1	0.2	491	1.6	854	0.3	0.5	D	C	C	
A028 TRAUMATIC STUPOR & COMA, COMA <1 HR	222	-0.4	-444	-0.1	-0.1	43	4.1	2313	0.9	1.1	D	C	C	
MDC 4														
A079 RESPIRATORY INFECTIONS & INFLAMMATIONS	314	5.1	3607	0.5	0.5	62	1.7	1320	0.2	0.3	C	C	C	
A088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	398	1.6	1555	0.3	0.3	85	1.5	2019	0.2	0.7	C	C	C	
A089 SIMPLE PNEUMONIA & PLEURISY	628	2.8	3162	0.5	0.8	201	1.6	1246	0.2	0.5	C	C	C	
A096 BRONCHITIS & ASTHMA	340	1.0	871	0.2	0.2	64	2.1	927	0.4	0.5	C	C	C	
MDC 5														
A121 CIRCULATORY DISORDERS W AMI	257	1.5	2118	0.2	0.3	60	1.8	1158	0.2	0.3	C	C	C	
A127 HEART FAILURE & SHOCK	367	1.4	1406	0.3	0.3	69	0.0	514	0.0	0.2	C	C	C	
A130 PERIPHERAL VASCULAR DISORDERS	113	1.9	1535	0.4	0.5	32	3.7	1350	0.6	0.6	C	C	C	
A134 HYPERTENSION	141	0.6	515	0.2	0.2	57	-0.2	137	-0.0	0.1	D	D	C	*
A138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	388	1.3	1369	0.4	0.5	63	1.0	789	0.2	0.4	C	C	C	
A140 ANGINA PECTORIS	360	0.5	351	0.2	0.1	77	0.5	362	0.1	0.2	D	D	C	*
A141 SYNCOPE & COLLAPSE	199	1.5	1267	0.5	0.5	58	0.5	167	0.1	0.1	C	D	C	
A143 CHEST PAIN	368	0.3	229	0.1	0.1	62	-0.1	71	-0.0	0.0	D	D	C	*
A144 OTHER CIRCULATORY SYSTEM DIAGNOSES	170	2.6	2462	0.6	0.7	41	3.5	1346	0.7	0.6	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	1233	1.1	1525	0.3	0.5	154	2.6	1950	0.5	0.8	C	C	C	
A177 UNCOMPLICATED PEPTIC ULCER	97	1.3	973	0.4	0.4	29	1.0	678	0.2	0.4	C	C	C	
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	1550	0.6	448	0.2	0.2	352	0.7	418	0.1	0.3	D	C	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	1248	2.8	2001	0.5	0.5	239	3.4	1864	0.5	0.8	C	C	C	
A204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY	1692	1.0	1032	0.2	0.3	661	1.0	497	0.2	0.2	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	497	4.8	3045	1.0	1.0	102	3.7	1764	0.6	0.9	C	C	C	

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MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 435 ALC/DRUG DEPENDENCE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 31250, FREQ(B)= 867, FREQ(C)=21699, FREQ(D)= 8684
PCT(B)= 2.8, PCT(C)= 69.4, PCT(D)= 27.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A243 MEDICAL BACK PROBLEMS	365	4.2	2078	0.8	0.6	63	3.9	1530	0.6	0.7	C	C	C	
A253 FX, SPRN, STRN & DISL OF UPARM,LOWLEG EX FOOT	202	2.2	1223	0.6	0.5	51	3.2	1183	0.6	0.7	C	C	C	
MDC 9														
A277 CELLULITIS	724	0.4	423	0.1	0.1	125	1.0	802	0.2	0.4	D	C	C	
A280 TRAUMA TO THE SKIN, SUBCUT TISS & BREAST	369	0.9	773	0.4	0.4	81	0.5	275	0.1	0.2	C	D	C	
MDC 10														
A294 DIABETES	433	0.4	1093	0.1	0.4	113	1.3	1094	0.2	0.5	C	C	C	
A296 NUTRITIONAL & MISC METABOLIC DISORDERS	755	1.2	1190	0.3	0.4	157	0.8	762	0.1	0.3	C	C	C	
MDC 11														
A320 KIDNEY & URINARY TRACT INFECTIONS	143	2.7	1781	0.6	0.6	31	0.9	768	0.2	0.4	C	C	C	
MDC 16														
A395 RED BLOOD CELL DISORDERS	176	2.1	1276	0.5	0.4	45	2.7	1586	0.4	0.6	C	C	C	
MDC 18														
A416 SEPTCEMIA	100	5.0	5017	0.6	0.8	27	6.6	3273	0.6	0.7	B	B	C	*
MDC 19														
A425 ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCI	158	1.6	522	0.3	0.2	32	2.8	787	0.4	0.4	C	C	C	
A426 DEPRESSIVE NEUROSES	716	2.2	854	0.2	0.2	313	0.1	66	0.0	0.0	C	D	C	
A427 NEUROSES EXCEPT DEPRESSIVE	164	-3.5	-678	-0.4	-0.3	38	-0.8	-294	-0.1	-0.1	D	D	C	*
A428 DISORDERS OF PERSONALITY & IMPULSE CONTROL	79	27.8	-941	0.8	-0.1	48	0.1	-369	0.0	-0.1	B	D	C	
A430 PSYCHOSES	1741	-2.5	58	-0.1	0.0	488	-2.1	-547	-0.1	-0.1	D	D	C	*
MDC 20														
A434 ALC/DRUG ABUSE,INT,INDUCE MNTL SYN EXC DEPND &/	819	3.8	810	0.3	0.2	117	2.9	890	0.4	0.4	C	C	C	
MDC 21														

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 435 ALC/DRUG DEPENDENCE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 31250, FREQ(B)= 867, FREQ(C)=21699, FREQ(D)= 8684
PCT(B)= 2.8, PCT(C)= 69.4, PCT(D)= 27.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 23													
A449 POISONING & TOXIC EFFECTS OF DRUGS	1126	0.9	889	0.3	0.4	252	1.4	637	0.3	0.4	C	C	C
A463 SIGNS & SYMPTOMS	137	2.1	1228	0.5	0.4	28	5.4	2033	0.9	0.9	C	C	C

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CADRG 452 COMPLICATIONS OF TREATMENT ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 6347, FREQ(B)= 2924, FREQ(C)= 3159, FREQ(D)= 264
PCT(B)= 46.1, PCT(C)= 49.8, PCT(D)= 4.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A124 CIRCULATORY DISORDERS EXCEPT AMI	822	1.8	2347	0.7	0.6	75	2.7	1498	0.7	0.6	C	C	C	
MDC 6														
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	145	3.2	3380	0.9	1.4	34	3.3	1557	0.7	0.9	C	C	C	
MDC 18														
A416 SEPTCEMIA	159	5.2	6255	0.6	0.9	26	6.2	3864	0.6	0.9	B	B	C	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
MEDICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 463 SIGNS & SYMPTOMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7849, FREQ(B)= 2490, FREQ(C)= 5251, FREQ(D)= 108
PCT(B)= 31.7, PCT(C)= 66.9, PCT(D)= 1.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A127 HEART FAILURE & SHOCK	355	4.0	3312	0.7	0.8	57	4.4	2144	0.5	0.7	C	C	C	
MDC 6														
A174 G.I. HEMORRHAGE	306	4.8	5784	1.2	1.8	40	6.4	3953	1.1	1.7	B	B	C	*
A182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS	174	3.6	2890	1.0	1.2	31	6.0	2895	1.3	1.7	C	B	C	
MDC 7														
A202 CIRRHOSIS & ALCOHOLIC HEPATITIS	1893	5.5	4315	0.9	1.1	235	5.8	2275	0.8	0.9	C	C	C	
A203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	284	4.2	2982	0.6	0.7	44	2.6	1979	0.3	0.7	C	C	C	
A205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA	559	5.7	4804	1.2	1.5	71	7.3	3188	1.3	1.6	B	B	C	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 010 NERVOUS SYSTEM NEOPLASMS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 963, FREQ(A)= 170, FREQ(B)= 504, FREQ(C)= 266, FREQ(D)= 23
PCT(A)= 17.7, PCT(B)= 52.3, PCT(C)= 27.6, FREQ(D)= 2.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	134	3.1	2693	0.3	0.2	27	12.8	4948	0.8	0.5	C	B	C	*#
MDC 4														
A075 MAJOR CHEST PROCEDURES	81	7.3	7956	0.8	0.8	27	4.3	2350	0.3	0.4	B	C	B	
A076 OTHER RESP SYSTEM O.R. PROCEDURES	78	9.9	10046	1.9	1.9	43	9.4	3121	1.1	0.7	B	B	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 012 DEGENERATIVE NERVOUS SYSTEM DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1063, FREQ(A)= 620, FREQ(B)= 195, FREQ(C)= 175, FREQ(D)= 73
PCT(A)= 58.3, PCT(B)= 18.3, PCT(C)= 16.5, FREQ(D)= 6.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A001 CRANIOTOMY EXCEPT FOR TRAUMA	458	14.1	14837	1.2	1.1	70	12.8	8272	0.8	0.9	A	B	B

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 3043, FREQ(A)= 1940, FREQ(B)= 1052, FREQ(C)= 47, FREQ(D)= 4
PCT(A)= 63.8, PCT(B)= 34.6, PCT(C)= 1.5, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	382	14.3	18532	1.2	1.4	59	12.0	7802	0.8	0.8	A	B	A	
A005 EXTRACRANIAL VASCULAR PROCEDURES	387	8.4	9929	1.5	1.5	53	8.5	5486	1.0	1.2	B	B	B	*#
MDC 5														
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	118	17.9	17571	3.3	2.7	26	21.1	10630	2.6	2.2	A	A	A	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	102	8.5	6666	0.7	0.6	13	12.3	5460	0.8	0.7	B	B	B	#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	120	7.5	9034	0.7	1.0	24	13.5	6448	0.9	1.1	B	B	B	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 015 TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLU ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3011, FREQ(A)= 126, FREQ(B)= 877, FREQ(C)= 1943, FREQ(D)= 65
PCT(A)= 4.2, PCT(B)= 29.1, PCT(C)= 64.5, FREQ(D)= 2.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	590	5.8	6049	1.1	0.9	98	10.4	4833	1.3	1.1	C	B	C	
MDC 5														
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	24	9.1	11681	0.7	0.4						B		B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	34	5.9	15157	0.6	0.6	1	-5.9	5316	-0.5	0.3	A	B	B	#
A106 CORONARY BYPASS W CARDIAC CATH	271	6.5	13465	0.6	0.6	3	1.4	-1331	0.1	-0.1	B	C	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	210	4.3	8875	0.5	0.5	25	7.3	9231	0.7	0.8	B	A	B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	8	4.6	6521	0.5	0.4	1	5.4	-1999	0.6	-0.2	C	C	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	282	5.0	7491	0.5	0.6	45	6.1	3330	0.5	0.4	C	C	C	
A112 VASCULAR PROCEDURES EXCEPI MAJOR RECONSTRUCTION	407	2.9	3096	0.5	0.5	100	3.1	458	0.4	0.1	C	C	C	

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 018 CRANIAL & PERIPHERAL NERVE DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2685, FREQ(A)= 186, FREQ(B)= 853, FREQ(C)= 1406, FREQ(D)= 240
PCT(A)= 6.9, PCT(B)= 31.8, PCT(C)= 52.4, FREQ(D)= 8.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A214 BACK & NECK PROCEDURES	305	0.7	1052	0.1	0.1	119	-1.8	-684	-0.2	-0.2	C	D	C

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMFNT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 020 NERVOUS SYSTEM INFECTION EXC VIRAL MENINGITIS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 471, FREQ(A)= 298, FREQ(B)= 94, FREQ(C)= 29, FREQ(D)= 50
PCT(A)= 63.3, PCT(B)= 20.0, PCT(C)= 6.2, FREQ(D)= 10.6

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A214 BACK & NECK PROCEDURES	64	10.7	10839	1.1	1.4	31	0.1	-628	0.0	-0.1	B	D	A

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 024 SEIZURE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4654, FREQ(A)= 715, FREQ(B)= 1148, FREQ(C)= 1782, FREQ(D)= 1009
PCT(A)= 15.4, PCT(B)= 24.7, PCT(C)= 38.3, FREQ(D)= 21.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	362	7.9	8618	0.7	0.7	72	9.1	5138	0.6	0.6	B	B	B	*#
A002 CRANIOTOMY FOR TRAUMA	87	8.7	13194	0.8	1.0	24	13.3	10836	1.0	1.2	B	A	B	#
A004 SPINAL PROCEDURES	14	9.2	9791	0.8	1.0	5	10.7	2573	1.0	0.5	B	B	B	#
A005 EXTRACRANIAL VASCULAR PROCEDURES	52	6.5	8754	1.2	1.4	8	5.0	4372	0.6	1.0	B	C	B	#
A006 CARPAL TUNNEL RELEASE	6	3.5	6766	1.9	3.6	5	2.7	894	1.1	0.7	A	C	B	#
A007 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC	44	23.5	15352	6.5	4.3	11	11.5	7101	2.6	3.2	A	A	B	#
MDC 8														
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	180	4.1	4829	0.4	0.5	38	3.4	1749	0.2	0.3	C	C	C	
MDC 14														
A370 CESAREAN SECTION	711	0.7	565	0.2	0.2	115	0.4	140	0.1	0.1	D	D	D	*#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 027 TRAUMATIC STUPOR & COMA, COMA >1 HR ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 788, FREQ(A)= 521, FREQ(B)= 48, FREQ(C)= 127, FREQ(D)= 92
PCT(A)= 66.1, PCT(B)= 6.1, PCT(C)= 16.1, FREQ(D)= 11.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A002 CRANIOTOMY FOR TRAUMA	250	12.8	25707	1.2	1.9	53	9.9	13689	0.7	1.6	A	A	A	*#
A004 SPINAL PROCEDURES	3	20.1	32690	1.8	3.3	3	22.7	7067	2.1	1.3	A	A	A	#
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	1	8.3	281	0.7	0.0	1	-5.5	-1334	-0.4	-0.2	B	D	A	#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	31	17.8	27147	1.6	3.0	12	10.8	16608	0.7	2.8	A	A	A	#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI						1	42.8	35636	4.6	9.2		A	A	#
A214 BACK & NECK PROCEDURES	1	24.4	55865	2.5	7.3	6	11.1	4712	1.1	1.1	A	B	A	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE	1	9.4	7706	1.4	1.5	1	4.2	885	0.5	0.3	B	C	A	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	8	13.3	21072	1.6	2.8	1	-3.8	11246	-0.4	2.4	A	A	A	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	20	10.3	19355	1.9	3.9	6	9.4	16230	1.3	4.9	A	A	A	#
A221 KNEE PROCEDURES	1	1.0	1763	0.3	0.6						C		A	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	2	24.6	18640	6.3	4.7						A		A	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													A	#
A225 FOOT PROCEDURES													A	#
A226 SOFT TISSUE PROCEDURES													A	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	1	4.1	2998	1.5	0.9	1	6.0	10210	1.5	4.6	C	A	A	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													A	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF													A	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	2	47.7	37846	16.9	12.9	1	31.9	6756	10.4	4.1	A	A	A	#
A232 ARTHROSCOPY													A	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	10	27.7	29548	5.8	6.8						A		A	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE													A	#
MDC 21														
A439 SKIN GRAFTS FOR INJURIES													A	#
A440 WOUND DEBRIDEMENTS FOR INJURIES	9	1.9	22373	0.3	3.6						A		A	#
A441 HAND PROCEDURES FOR INJURIES	1	0.6	3112	0.2	0.8						C		A	#
A442 OTHER O.R. PROCEDURES FOR INJURIES	14	11.7	26887	2.3	5.1	5	18.7	24615	2.7	6.5	A	A	A	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 034A (A) OTHER DISORDERS OF NERVOUS SYSTEM ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 1454, FREQ(A)= 743, FREQ(B)= 637, FREQ(C)= 64, FREQ(D)= 10
PCT(A)= 51.1, PCT(B)= 43.8, PCT(C)= 4.4, FREQ(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	210	9.4	11068	0.8	0.8	23	7.8	5170	0.5	0.5	B	B	B	#
A002 CRANIOTOMY FOR TRAUMA	24	15.3	24471	1.4	1.8	10	5.0	12650	0.4	1.4	A	A	B	#
A004 SPINAL PROCEDURES	27	6.5	7861	0.6	0.8	8	2.6	4718	0.2	0.8	B	B	B	#
A005 EXTRACRANIAL VASCULAR PROCEDURES	99	10.5	13091	1.9	2.0	12	25.7	20072	3.1	4.4	B	A	B	#
A006 CARPAL TUNNEL RELEASE													B	#
A007 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC	21	16.6	16517	4.6	4.6	5	12.8	9848	2.9	4.4	A	A	B	#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 034B (B) OTHER DISORDERS OF NERVOUS SYSTEM ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 660, FREQ(A)= 73, FREQ(B)= 118, FREQ(C)= 348, FREQ(D)= 121
PCT(A)= 11.1, PCT(B)= 17.9, PCT(C)= 52.7, FREQ(D)= 18.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 2													
A036 RETINAL PROCEDURES	2	0.5	-404	0.1	-0.1						D		D #
A037 ORBITAL PROCEDURES	2	-0.6	-379	-0.2	-0.1						D		D #
A038 PRIMARY IRIS PROCEDURES													D #
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	12	0.3	-75	0.1	-0.0	2	-0.3	18	-0.1	0.0	D	D	D #
A040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT	2	-0.4	-372	-0.2	-0.2						D		D #
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	1	1.2	1928	0.4	0.5						C		D #

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 046 OTHER DISORDERS OF THE EYE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3521, FREQ(A)= 282, FREQ(B)= 552, FREQ(C)= 2244, FREQ(D)= 443
PCT(A)= 8.0, PCT(B)= 15.7, PCT(C)= 63.7, FREQ(D)= 12.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A002 CRANIOTOMY FOR TRAUMA	47	8.5	18386	0.8	1.4	16	9.6	14185	0.7	1.6	A	A	A	#
MDC 2														
A036 RETINAL PROCEDURES	343	0.8	1619	0.2	0.4	121	0.4	773	0.1	0.3	C	C	C	
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	379	0.3	103	0.1	0.0	89	0.7	299	0.3	0.1	D	C	C	
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	263	0.6	618	0.2	0.2	82	0.9	681	0.3	0.3	C	C	C	
MDC 6														
A168 MOUTH PROCEDURES	191	2.9	2721	0.9	0.7	50	3.3	3103	0.8	1.2	C	C	C	
MDC 8														
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	59	5.2	7654	0.5	0.8	8	4.4	4545	0.3	0.8	B	B	B	#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	12	14.3	10901	1.9	1.8	6	-0.4	-567	-0.0	-0.1	A	D	B	#
A214 BACK & NECK PROCEDURES	7	10.4	11038	1.1	1.4	1	0.5	983	0.0	0.2	B	C	B	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	41	6.0	9773	0.7	1.3	6	22.1	6099	2.3	1.3	B	A	B	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	31	8.0	9787	1.5	2.0	5	1.4	1702	0.2	0.5	B	C	B	#
A221 KNEE PROCEDURES	6	5.0	4395	1.7	1.4						B		B	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	13	2.2	2543	0.5	0.6	1	-0.7	69	-0.1	0.0	C	D	B	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													B	#
A225 FOOT PROCEDURES	22	10.1	7585	3.3	2.5	3	20.1	5747	5.7	3.0	A	A	B	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	14	8.4	7371	2.9	2.2	2	3.0	673	0.7	0.3	B	C	B	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													B	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF													B	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	5	8.2	5107	2.9	1.7	1	3.9	1825	1.3	1.1	B	C	B	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE													B	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 078 PULMONARY EMBOLISM ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 1424, FREQ(A)= 740, FREQ(B)= 651, FREQ(C)= 31, FREQ(D)= 2
PCT(A)= 52.0, PCT(B)= 45.7, PCT(C)= 2.2, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	123	10.5	9807	0.9	0.8	33	9.9	3777	0.6	0.5	B	B	B *#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	178	11.4	12107	1.0	1.3	24	7.9	4012	0.5	0.7	B	B	B #

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 079 RESPIRATORY INFECTIONS & INFLAMMATIONS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 3471, FREQ(A)= 3279, FREQ(B)= 130, FREQ(C)= 50, FREQ(D)= 12
PCT(A)= 94.5, PCT(B)= 3.7, PCT(C)= 1.4, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A075 MAJOR CHEST PROCEDURES	338	12.6	18136	1.4	1.9	71	18.5	11223	1.5	1.7	A	A	A
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	201	17.6	32852	1.7	3.6	31	28.5	20584	2.1	3.2	A	A	A
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	249	20.3	37409	2.6	5.1	30	24.3	18935	2.6	4.5	A	A	A

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 082 RESPIRATORY NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4125, FREQ(A)= 334, FREQ(B)= 1468, FREQ(C)= 2269, FREQ(D)= 54
PCT(A)= 8.1, PCT(B)= 35.6, PCT(C)= 55.0, FREQ(D)= 1.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	138	4.7	2624	0.4	0.2	27	3.5	93	0.2	0.0	C	C	C	
A004 SPINAL PROCEDURES	44	16.0	12494	1.4	1.3	3	20.3	8678	1.9	1.5	A	A	A	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	572	4.0	5421	0.4	0.6	129	5.8	3564	0.5	0.5	C	C	C	
A076 OTHER RESP SYSTEM O.R. PROCEDURES	269	3.8	3936	0.7	0.7	92	5.7	2273	0.7	0.5	C	C	C	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	190	7.1	10872	0.7	1.2	46	6.4	5392	0.5	0.8	B	B	C	*
MDC 8														
A214 BACK & NECK PROCEDURES	45	15.1	11380	1.6	1.5	11	16.6	5195	1.6	1.2	A	A	A	#
MDC 17														
A408 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER	133	6.5	5640	1.7	1.6	28	11.1	4394	2.4	2.0	B	B	C	*

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 083 MAJOR CHEST TRAUMA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1002, FREQ(A)= 625, FREQ(B)= 272, FREQ(C)= 87, FREQ(D)= 18
PCT(A)= 62.4, PCT(B)= 27.1, PCT(C)= 8.7, FREQ(D)= 1.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A002 CRANIOTOMY FOR TRAUMA	30	10.3	23684	1.0	1.8	9	13.0	15430	0.9	1.7	A	A	A	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	77	7.6	24262	0.8	2.5	10	18.4	9621	1.5	1.5	A	A	A	#
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	30	9.9	17681	1.0	2.0	3	7.1	6020	0.5	0.9	A	B	A	#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	21	8.6	13523	1.1	1.9	2	7.1	5566	0.8	1.3	B	B	A	#
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	17	10.2	10433	0.9	0.9	1	33.5	10077	2.2	1.2	B	A	A	#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	77	10.2	15623	0.9	1.7	20	15.1	11399	1.0	1.9	A	A	A	#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI													A	#
A214 BACK & NECK PROCEDURES	10	28.5	36100	3.0	4.7						A		A	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE						1	10.2	1227	1.2	0.4		B	A	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	25	15.4	17611	1.8	2.3	3	3.2	948	0.3	0.2	A	C	A	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	71	11.0	13372	2.1	2.7	10	12.0	8194	1.7	2.5	B	B	A	#
A221 KNEE PROCEDURES	6	5.5	6168	1.8	1.9	1	7.5	2149	2.2	1.2	B	B	A	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	22	4.5	7176	1.2	1.8	2	30.3	30440	6.5	12.9	B	A	A	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													A	#
A225 FOOT PROCEDURES	3	13.9	12734	4.5	4.1						A		A	#
A226 SOFT TISSUE PROCEDURES	4	6.9	6011	2.2	1.9	1	6.9	4452	1.7	2.2	B	B	A	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	6	11.5	19868	4.0	6.0						A		A	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													A	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF													A	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	4	22.9	18801	8.1	6.4						A		A	#
A232 ARTHROSCOPY													A	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	16	12.5	14576	2.6	3.4	2	10.0	2855	1.7	1.0	A	B	A	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE													A	#
MDC 16														
A392 SPLENECTOMY	108	4.9	17114	0.6	2.1	14	5.4	8529	0.5	1.3	A	B	A	#

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CADRG 083 MAJOR CHEST TRAUMA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1002, FREQ(A)= 625, FREQ(B)= 272, FREQ(C)= 87, FREQ(D)= 18
PCT(A)= 62.4, PCT(B)= 27.1, PCT(C)= 8.7, FREQ(D)= 1.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 21													
A439 SKIN GRAFTS FOR INJURIES	1	18.4	21962	2.4	3.2						A		A #
A440 WOUND DEBRIDEMENTS FOR INJURIES	14	20.7	32105	2.9	5.1						A		A #
A441 HAND PROCEDURES FOR INJURIES	2	14.1	22968	4.1	5.8						A		A #
A442 OTHER O.R. PROCEDURES FOR INJURIES	62	10.8	23329	2.1	4.4	9	8.3	9621	1.2	2.5	A	A	A #
MDC 22													
A458 NON-EXTENSIVE BURNS W SKIN GRAFT						1	-0.8	-5654	-0.0	-0.6		D	A #
A459 NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHE													A #
A472 EXTENSIVE BURNS W O.R. PROCEDURE													A #

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CADRG 085 PLEURAL EFFUSION ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 5904, FREQ(A)= 3208, FREQ(B)= 2075, FREQ(C)= 606, FREQ(D)= 15
PCT(A)= 54.3, PCT(B)= 35.1, PCT(C)= 10.3, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	317	7.5	9235	0.8	1.0	61	10.1	6467	0.8	1.0	B	B	B	
MDC 5														
A107 CORONARY BYPASS W/O CARDIAC CATH	496	3.3	7499	0.4	0.4	33	9.2	5124	0.8	0.4	C	B	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	329	12.6	21159	1.2	2.3	33	15.5	13729	1.2	2.2	A	A	B	*
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	316	12.3	18713	1.6	2.6	44	14.4	8947	1.5	2.1	A	A	B	*

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CADRG 087 PULMONARY EDEMA & RESPIRATORY FAILURE ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 4261, FREQ(A)= 4100, FREQ(B)= 111, FREQ(C)= 41, FREQ(D)= 9
PCT(A)= 96.2, PCT(B)= 2.6, PCT(C)= 1.0, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A075 MAJOR CHEST PROCEDURES	220	14.3	33015	1.6	3.4	28	11.7	21004	0.9	3.2	A	A	A
MDC 5													
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	203	13.1	33552	1.4	2.8	27	18.3	22132	1.5	2.8	A	A	A
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	341	14.2	35106	1.4	3.9	40	14.2	17180	1.1	2.7	A	A	A
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	241	14.6	38280	1.9	5.3	26	22.1	18927	2.4	4.5	A	A	A

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CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 27803, FREQ(A)= 1134, FREQ(B)= 7940, FREQ(C)=16537, FREQ(D)= 2192
PCT(A)= 4.1, PCT(B)= 28.6, PCT(C)= 59.5, FREQ(D)= 7.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	682	2.5	3318	0.4	0.5	67	2.8	1581	0.3	0.3	C	C	C	
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	1647	0.3	383	0.2	0.1	443	0.4	107	0.2	0.1	D	D	D	*#
MDC 3														
A053 SINUS & MASTOID PROCEDURES	93	1.1	1021	0.5	0.4	31	0.2	187	0.1	0.1	C	D	C	
A055 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	124	1.2	1452	0.7	0.7	42	1.0	282	0.4	0.2	C	C	C	
MDC 4														
A075 MAJOR CHEST PROCEDURES	1158	5.8	8740	0.6	0.9	231	7.0	4416	0.6	0.7	B	C	B	#
A076 OTHER RESP SYSTEM O.R. PROCEDURES	440	14.5	16485	2.7	3.1	102	7.5	3936	0.9	0.9	A	B	B	#
MDC 5														
A103 HEART TRANSPLANT	1	41.0	134438	1.2	2.0						A		B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	110	12.0	16312	1.0	0.6						A		B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	116	4.8	13646	0.5	0.6	5	15.5	15930	1.2	1.0	B	A	B	#
A106 CORONARY BYPASS W CARDIAC CATH	644	4.2	9797	0.4	0.4	7	-2.2	-666	-0.2	-0.0	B	D	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	460	2.9	7212	0.3	0.4	49	5.0	6410	0.5	0.5	C	B	B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	25	5.9	12760	0.6	0.7	1	28.4	20355	3.0	1.9	B	A	B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	75	5.7	16588	0.7	1.3	7	15.0	17795	1.4	2.0	A	A	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	1174	4.7	8081	0.5	0.7	178	5.5	5048	0.5	0.6	B	B	B	*#
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	482	4.7	7217	0.9	1.1	67	6.1	2803	0.8	0.6	C	C	C	
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	412	2.8	4096	0.5	0.3	61	3.1	878	0.3	0.1	C	C	C	
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	167	7.7	18173	0.8	2.7	36	4.6	2898	0.3	0.6	A	C	C	
MDC 6														
A146 RECTAL RESECTION	161	6.3	10792	0.6	1.0	30	6.9	5868	0.5	0.9	B	B	B	*#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1038	6.1	10953	0.6	1.2	132	6.6	4588	0.5	0.7	B	B	B	*#
A150 PERITONEAL ADHESIOLYSIS	215	3.7	6239	0.4	0.9	48	2.9	2594	0.3	0.6	C	C	C	
A152 MINOR SMALL & LARGE BOWEL PROCEDURES	151	2.4	3883	0.4	0.7	33	1.6	1292	0.2	0.4	C	C	C	

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CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 27803, FREQ(A)= 1134, FREQ(B)= 7940, FREQ(C)=16537, FREQ(D)= 2192
PCT(A)= 4.1, PCT(B)= 28.6, PCT(C)= 59.5, FREQ(D)= 7.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	825	5.8	9675	0.7	1.3	149	4.2	3293	0.4	0.8	B	C	B	#
A157 ANAL & STOMAL PROCEDURES	317	2.5	2095	0.8	0.9	103	2.2	973	0.5	0.6	C	C	C	
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	340	2.3	2494	0.7	0.9	76	2.2	1263	0.5	0.6	C	C	C	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	936	1.3	1144	0.6	0.5	168	1.6	563	0.4	0.4	C	C	C	
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	50	7.8	15062	0.6	1.1	7	16.1	7983	1.3	1.1	A	A	B	#
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	702	4.3	6201	0.7	1.3	179	4.1	2423	0.5	0.8	C	C	C	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	1036	2.7	3062	0.2	0.3	115	3.2	1286	0.2	0.2	C	C	C	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	1242	2.6	3890	0.2	0.4	144	5.5	2728	0.4	0.5	C	C	C	
A214 BACK & NECK PROCEDURES	349	4.4	4537	0.5	0.6	56	1.2	630	0.1	0.1	C	C	C	
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	139	2.7	2214	0.7	0.6	26	1.8	1988	0.4	0.8	C	C	C	
A225 FOOT PROCEDURES	138	1.1	970	0.4	0.3	33	2.6	646	0.7	0.3	C	C	C	
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	195	1.7	1808	0.3	0.4	32	2.2	718	0.3	0.2	C	C	C	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	116	5.2	4295	1.5	1.4	28	5.8	1591	1.2	0.7	B	C	C	
MDC 10														
A286 ADRENAL & PITUITARY PROCEDURES	10	6.5	7178	0.8	0.8	2	15.6	3411	1.4	0.5	C	A	B	#
MDC 11														
A303 KIDNEY,URETER & MAJOR BLADDER PROCEDURES FOR NE	166	6.8	8898	0.7	0.8	31	6.3	5201	0.5	0.7	B	B	C	*
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	180	5.5	6579	0.8	1.1	26	2.9	2937	0.3	0.7	C	C	C	
A306 PROSTATECTOMY	245	2.9	3484	0.5	0.8	30	1.7	321	0.2	0.1	C	C	C	
A310 TRANSURETHRAL PROCEDURES	449	1.8	1396	0.6	0.5	75	2.3	894	0.5	0.5	C	C	C	
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	1253	1.9	1961	0.4	0.6	213	3.0	1164	0.4	0.4	C	C	C	
MDC 13														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 27803, FREQ(A)= 1134, FREQ(B)= 7940, FREQ(C)=16537, FREQ(D)= 2192
PCT(A)= 4.1, PCT(B)= 28.6, PCT(C)= 59.5, FREQ(D)= 7.9

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	12	9.4	8523	0.9	0.8						B		B	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	200	2.1	2432	0.4	0.6	35	1.3	625	0.2	0.2	C	C	C	
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	350	4.9	6972	1.0	1.3	39	10.4	6133	1.5	1.6	C	B	C	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 4817, FREQ(A)= 2966, FREQ(B)= 1709, FREQ(C)= 133, FREQ(D)= 9
PCT(A)= 61.6, PCT(B)= 35.5, PCT(C)= 2.8, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A036 RETINAL PROCEDURES	1	3.5	9331	1.0	2.6	1	11.3	8483	2.4	3.2	B	A	B	#
A037 ORBITAL PROCEDURES	2	8.4	8574	2.7	2.5	1	2.9	1082	0.7	0.4	B	C	B	#
A038 PRIMARY IRIS PROCEDURES	1	8.0	3126	3.9	1.6						A		B	#
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	12	5.6	4430	3.1	1.5	2	8.7	2209	3.8	1.0	A	A	B	#
A040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT	2	8.6	6125	4.4	2.7	1	2.9	553	1.3	0.4	A	C	B	#
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	3	9.5	10089	3.4	2.9	2	15.3	4811	4.2	2.0	A	A	B	#
MDC 3														
A049 MAJOR HEAD & NECK PROCEDURES	14	16.7	21432	1.7	2.0	5	17.8	12124	1.4	1.6	A	A	B	#
A050 SIALOADENECTOMY	1	-0.5	-725	-0.2	-0.2	1	2.4	336	0.7	0.2	D	C	B	#
A051 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOM													B	#
A052 CLEFT LIP & PALATE REPAIR													B	#
A053 SINUS & MASTOID PROCEDURES	9	11.8	13571	5.4	4.9	1	6.0	10217	2.0	5.5	A	A	B	#
A055 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	4	3.1	4947	1.9	2.4	1	7.7	5568	3.4	3.9	B	A	B	#
A056 RHINOPLASTY	1	0.4	44	0.3	0.0						C		B	#
A057 T&A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTO	1	13.7	5776	5.8	2.8						A		B	#
A059 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY	1	6.6	5652	4.8	3.9						A		B	#
A061 MYRINGOTOMY W TUBE INSERTION						1	5.2	1700	1.4	1.0		C	B	#
A063 OTHER EAR, NOSE & THROAT O.R. PROCEDURES	12	9.8	11452	2.3	2.7						B		B	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	258	8.2	14689	0.9	1.5	61	10.9	6601	0.9	1.0	B	B	A	*
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	287	14.8	25100	1.5	2.8	44	12.9	9477	1.0	1.5	A	A	A	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	260	12.9	21413	1.6	2.9	40	10.2	7846	1.1	1.8	A	B	A	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	164	8.6	11392	1.4	2.4	34	6.0	4003	0.8	1.3	B	C	A	
MDC 8														

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 4817, FREQ(A)= 2966, FREQ(B)= 1709, FREQ(C)= 133, FREQ(D)= 9
PCT(A)= 61.6, PCT(B)= 35.5, PCT(C)= 2.8, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	179	9.7	12390	0.8	1.1	21	10.8	4041	0.7	0.5	B	B	B	#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	258	9.6	11730	0.8	1.3	29	13.7	7325	0.9	1.2	B	B	B	*#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	5	12.2	7669	1.6	1.3	1	16.8	9818	1.8	2.5	B	A	B	#
A214 BACK & NECK PROCEDURES	43	12.0	13565	1.2	1.8	7	9.0	5053	0.9	1.1	B	B	B	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE	3	11.4	15363	1.7	2.9						A		B	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	12	13.1	19779	1.6	2.6	4	6.7	807	0.7	0.2	A	C	B	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	33	10.6	9670	2.0	1.9	5	6.6	1581	0.9	0.5	B	C	B	#
A221 KNEE PROCEDURES	4	6.8	4263	2.3	1.3	1	8.5	2034	2.4	1.1	B	B	B	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	10	15.3	15071	3.9	3.8	2	9.8	3996	2.1	1.7	A	B	B	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													B	#
A225 FOOT PROCEDURES	3	14.9	9520	4.8	3.1	1	22.5	8095	6.4	4.2	A	A	B	#
A226 SOFT TISSUE PROCEDURES	6	25.9	39243	8.3	12.6	1	-0.1	-603	-0.0	-0.3	A	D	B	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	2	1.6	1140	0.6	0.3	2	17.5	7049	4.4	3.2	C	A	B	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													B	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF	2	10.7	5091	3.2	1.6						A		B	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	9	59.7	47868	21.2	16.3	4	19.9	6016	6.5	3.6	A	A	B	#
A232 ARTHROSCOPY													B	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	15	22.1	24438	4.7	5.6	4	20.0	17677	3.4	6.0	A	A	B	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE	2	-1.1	-1737	-0.0	-0.1						D		B	#
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	6	6.3	5705	1.3	1.4	4	11.1	3112	1.5	0.9	C	B	B	#
A259 SUBTOTAL MASTECTOMY FOR MALIGNANCY	8	27.9	28951	9.1	10.1						A		B	#
A261 BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY &	2	5.7	4628	2.0	1.4						B		B	#
A262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNAN	1	-0.7	-1466	-0.4	-0.8						D		B	#
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	79	18.2	21255	1.3	2.1	17	48.4	18401	2.9	3.2	A	A	B	#
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	8	8.0	4564	1.7	1.1						B		B	#
A267 PERIANAL & PILONIDAL PROCEDURES													B	#
A268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROC	1	3.7	4961	1.7	1.9						B		B	#
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	23	25.8	26666	7.6	8.5	4	14.1	6214	3.0	2.8	A	A	B	#
MDC 10														
A285 AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& ME	1	16.6	25170	1.2	2.8						A		B	#
A286 ADRENAL & PITUITARY PROCEDURES	3	6.6	9594	0.8	1.0						B		B	#
A287 SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT &	7	17.6	22708	1.4	2.3	4	21.8	11321	1.9	2.9	A	A	B	#
A288 O.R. PROCEDURES FOR OBESITY	7	23.8	47789	4.3	6.9	1	-1.4	120	-0.3	0.0	A	D	B	#
A289 PARATHYROID PROCEDURES	3	2.8	2670	0.6	0.6						C		B	#
A290 THYROID PROCEDURES	10	10.6	18685	3.3	5.7	1	0.6	2296	0.1	1.0	A	C	B	#

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CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 4817, FREQ(A)= 2966, FREQ(B)= 1709, FREQ(C)= 133, FREQ(D)= 9
PCT(A)= 61.6, PCT(B)= 35.5, PCT(C)= 2.8, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A291 THYROGLOSSAL PROCEDURES													B	#
A292 OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC	11	24.8	41928	3.9	8.2	2	16.1	4031	2.0	1.2	A	A	B	#
MDC 12														
A334 MAJOR MALE PELVIC PROCEDURES	12	14.2	22382	1.6	3.0	2	13.9	2579	1.3	0.6	A	B	B	#
A336 TRANSURETHRAL PROSTATECTOMY	62	9.3	8874	2.0	2.5	15	15.7	6727	2.3	2.6	B	A	B	#
A338 TESTES PROCEDURES, FOR MALIGNANCY	3	16.5	11478	5.9	4.2	2	8.4	2175	1.8	1.0	A	B	B	#
A339 TESTES PROCEDURES, NON-MALIGNANCY	2	3.0	12315	1.5	5.8						A		B	#
A341 PENIS PROCEDURES	6	8.1	6549	2.1	1.4						B		B	#
A342 CIRCUMCISION													B	#
A344 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	3	2.1	5475	0.4	1.0	1	15.0	6761	2.2	1.9	C	A	B	#
A345 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT	2	12.2	21089	4.3	7.9						A		B	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	6	2.9	8401	0.3	0.8						B		B	#
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	15	10.8	9547	1.9	2.1	1	-1.2	136	-0.2	0.0	B	D	B	#
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	11	5.3	4602	1.0	1.2	1	3.3	4468	0.5	1.8	C	B	B	#
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	2	7.4	8959	1.0	1.4	1	10.3	3351	1.2	0.9	B	B	B	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	61	6.0	9957	1.2	2.4	18	8.1	4100	1.3	1.5	B	B	B	#
A360 VAGINA, CERVIX & VULVA PROCEDURES	2	8.1	6823	3.4	3.1						A		B	#
A361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	3	5.2	4476	2.5	2.0	1	0.8	675	0.4	0.5	B	C	B	#
A362 ENDOSCOPIC TUBAL INTERRUPTION													B	#
A363 D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	2	7.2	13534	3.1	6.1	1	15.0	5052	4.9	3.1	A	A	B	#
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	6	11.3	12077	7.1	7.5	2	7.6	2054	3.9	2.0	A	A	B	#
A365 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURE	4	9.2	10458	1.8	2.5	1	3.4	9285	0.5	3.3	B	A	B	#
MDC 14														
A370 CESAREAN SECTION	96	4.7	5494	1.1	1.7	31	3.4	3495	0.6	1.5	B	C	B	#
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	7	2.7	2982	1.1	1.3	1	-0.1	66	-0.0	0.0	C	D	B	#
A375 VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR													B	#
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO	2	10.5	15668	4.3	6.4						A		B	#
A381 ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTERO	4	3.5	6919	2.7	5.0	4	3.0	1096	2.0	1.1	A	B	B	#
MDC 19														
A424 O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL	8	15.0	12594	0.8	1.4	1	26.3	7597	1.3	1.1	A	A	B	#

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CADRG 089 SIMPLE PNEUMONIA & PLEURISY ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 4817, FREQ(A)= 2966, FREQ(B)= 1709, FREQ(C)= 133, FREQ(D)= 9
PCT(A)= 61.6, PCT(B)= 35.5, PCT(C)= 2.8, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 23														
A461 O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH	9	48.6	37707	9.6	8.6	1	11.7	5124	2.2	1.9	A	B	B	#

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 092 INTERSTITIAL LUNG DISEASE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2178, FREQ(A)= 167, FREQ(B)= 440, FREQ(C)= 1276, FREQ(D)= 295
PCT(A)= 7.7, PCT(B)= 20.2, PCT(C)= 58.6, FREQ(D)= 13.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A075 MAJOR CHEST PROCEDURES	383	4.1	6669	0.5	0.7	81	5.6	3043	0.5	0.5	C	C	C
A076 OTHER RESP SYSTEM O.R. PROCEDURES	69	6.7	10495	1.3	2.0	45	-0.1	-281	-0.0	-0.1	B	D	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 094 PNEUMOTHORAX ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 2347, FREQ(A)= 1467, FREQ(B)= 793, FREQ(C)= 76, FREQ(D)= 11
PCT(A)= 62.5, PCT(B)= 33.8, PCT(C)= 3.2, FREQ(D)= 0.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	360	10.0	12585	1.1	1.3	65	9.8	9120	0.8	1.4	B	A	B	#
MDC 5														
A103 HEART TRANSPLANT	2	15.5	73893	0.5	1.1						A		B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	14	8.0	16681	0.6	0.6						A		B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	18	6.0	19107	0.6	0.8	3	18.4	33305	1.4	2.1	A	A	B	#
A106 CORONARY BYPASS W CARDIAC CATH	82	5.3	13746	0.5	0.6	1	0.7	6811	0.0	0.5	B	B	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	65	4.4	7519	0.5	0.4	4	14.8	44	1.3	0.0	B	A	B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	3	-1.3	-802	-0.1	-0.0						D		B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	32	1.5	7774	0.2	0.6	3	4.9	7536	0.5	0.8	B	B	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	26	12.6	27635	1.4	2.3	2	9.4	12155	0.8	1.5	A	A	B	#
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	7	17.8	28018	3.3	4.3						A		B	#
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	3	15.3	27781	1.2	2.8	1	136.4	55357	6.6	7.4	A	A	B	#
A114 UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DIS													B	#
A115 PERM CARDIAC PACEMAKER IMPL W/ AMI, HEART FAILU	7	3.7	8090	0.3	0.5	1	0.0	4437	0.0	0.4	B	C	B	#
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	54	6.7	9373	1.3	0.8	10	7.9	3434	0.9	0.3	B	B	B	#
A117 CARDIAC PACEMAKER REPLACE & REVIS EXCEPT PULSE	4	2.7	6090	0.8	1.2	1	-0.5	851	-0.1	0.2	C	C	B	#
A118 CARDIAC PACEMAKER PULSE GENERATOR REPLACEMENT						1	2.6	3240	0.6	0.5		C	B	#
A119 VEIN LIGATION & STRIPPING													B	#
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	8	2.0	13296	0.2	2.0						B		B	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 099 HEMOPTYSIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 402, FREQ(A)= 111, FREQ(B)= 85, FREQ(C)= 187, FREQ(D)= 19
PCT(A)= 27.6, PCT(B)= 21.1, PCT(C)= 46.5, FREQ(D)= 4.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A075 MAJOR CHEST PROCEDURES	106	2.6	5059	0.3	0.5	26	2.5	3292	0.2	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 101A (A) OTHER RESPIRATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 14229, FREQ(A)= 4141, FREQ(B)= 6027, FREQ(C)= 4035, FREQ(D)= 26
PCT(A)= 29.1, PCT(B)= 42.4, PCT(C)= 28.4, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	826	5.7	9109	0.6	0.9	125	8.1	7080	0.6	1.1	B	B	B	
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	301	4.0	13003	0.4	0.5	40	7.0	7717	0.5	0.5	B	B	B	
A107 CORONARY BYPASS W/O CARDIAC CATH	1062	2.8	6591	0.3	0.3	165	4.9	3533	0.4	0.3	C	C	B	*
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	483	7.1	15129	0.8	1.3	63	6.4	6405	0.5	0.8	A	B	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	836	10.0	17488	1.0	1.9	118	8.7	6784	0.6	1.1	A	B	B	
A150 PERITONEAL ADHESIOLYSIS	182	-7.5	10685	0.9	1.6	45	6.2	5007	0.6	1.2	B	B	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	607	10.0	18159	1.3	2.5	100	10.0	8298	1.1	1.9	A	B	B	
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	132	5.0	5502	1.5	1.9	27	4.0	2076	0.8	1.0	B	C	B	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	130	3.6	3401	1.5	1.6	34	4.9	1853	1.3	1.2	B	C	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	699	4.4	6223	0.7	1.3	145	5.0	2947	0.7	0.9	C	C	B	*
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	397	5.3	5717	0.4	0.5	26	7.5	4845	0.5	0.6	C	B	B	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	371	6.4	8712	0.6	1.0	36	14.6	11041	0.9	1.8	B	A	B	
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	377	2.9	3764	0.6	0.9	74	3.5	2615	0.5	0.9	C	C	B	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 101B (B) OTHER RESPIRATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 130, FREQ(A)= 45, FREQ(B)= 48, FREQ(C)= 25, FREQ(D)= 12
PCT(A)= 34.6, PCT(B)= 36.9, PCT(C)= 19.2, FREQ(D)= 9.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 4													
A075 MAJOR CHEST PROCEDURES	28	3.8	13469	0.4	1.4	2	1.0	6489	0.1	1.0	B	B	B #

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 121 ACUTE MYOCARDIAL INFARCTION ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 6613, FREQ(A)= 1638, FREQ(B)= 4245, FREQ(C)= 716, FREQ(D)= 14
PCT(A)= 24.8, PCT(B)= 64.2, PCT(C)= 10.8, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A103 HEART TRANSPLANT	1	41.0	134438	1.2	2.0						A		B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	108	8.8	23770	0.7	0.8	3	16.8	19795	1.1	1.1	A	A	B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	48	4.0	20103	0.4	0.9	5	11.5	10929	0.9	0.7	A	A	B	#
A106 CORONARY BYPASS W CARDIAC CATH	1992	5.1	11169	0.5	0.5	55	3.7	3717	0.3	0.3	B	C	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	704	2.7	7604	0.3	0.4	148	5.2	7278	0.5	0.6	B	B	B	*#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	40	4.1	19153	0.4	1.1	1	-6.6	-9017	-0.7	-0.8	A	D	B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	415	3.0	13353	0.4	1.0	36	2.4	4673	0.2	0.5	B	B	B	*#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	189	7.5	17176	0.8	1.5	48	6.4	7941	0.5	1.0	A	B	A	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	248	10.9	17136	2.0	2.6	62	8.0	6774	1.0	1.4	A	B	A	
A115 PERM CARDIAC PACEMAKER IMPL W/ AMI, HEART FAILU	456	4.0	7039	0.4	0.4	127	2.2	6031	0.1	0.6	C	B	B	#
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	80	5.0	7441	0.9	0.6	28	6.5	3193	0.7	0.3	C	C	A	*
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	137	14.8	28755	1.5	4.3	46	11.1	8038	0.8	1.7	A	B	A	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	114	10.5	21473	1.0	2.4	33	14.1	9288	1.1	1.5	A	A	A	
MDC 8														
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	90	6.1	10821	0.5	1.2	27	11.4	6767	0.7	1.1	B	B	A	*

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 16540, FREQ(A)= 8110, FREQ(B)= 5410, FREQ(C)= 3007, FREQ(D)= 13
PCT(A)= 49.0, PCT(B)= 32.7, PCT(C)= 18.2, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	203	7.1	9798	1.3	1.5	23	15.5	8891	1.9	2.0	B	A	B	#
A006 CARPAL TUNNEL RELEASE	19	2.3	2139	1.2	1.1	2	1.2	584	0.5	0.5	C	C	B	#
MDC 2														
A036 RETINAL PROCEDURES	27	2.5	3780	0.7	1.0	10	3.5	1762	0.7	0.7	C	C	C	#
A037 ORBITAL PROCEDURES	5	6.5	5137	2.1	1.5	1	7.9	6130	1.9	2.4	B	B	C	#
A038 PRIMARY IRIS PROCEDURES	1	3.0	1526	1.4	0.8	1	-1.0	-789	-0.3	-0.5	C	D	C	#
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	397	0.7	822	0.4	0.3	120	1.8	604	0.8	0.3	C	C	C	*#
A040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT	23	1.5	978	0.8	0.4	1	-0.1	55	-0.1	0.0	C	D	C	#
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	30	1.4	2452	0.5	0.7	8	2.1	1513	0.6	0.6	C	C	C	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	175	12.4	20843	1.4	2.2	38	12.9	7956	1.0	1.2	A	B	A	
A076 OTHER RESP SYSTEM O.R. PROCEDURES	269	10.6	16733	2.0	3.1	28	15.1	10682	1.8	2.5	A	A	A	
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	361	5.3	15995	0.5	0.7	33	21.0	12421	1.6	0.8	A	A	A	
A107 CORONARY BYPASS W/O CARDIAC CATH	287	6.9	16787	0.8	0.9	28	6.1	9922	0.6	0.8	A	A	A	
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	345	3.8	14884	0.5	1.1	29	6.5	5543	0.6	0.6	B	B	A	*
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	579	9.7	17187	1.1	1.5	105	11.7	9095	1.0	1.1	A	A	A	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	441	9.9	13438	1.8	2.0	62	8.3	4704	1.0	1.0	B	B	B	*#
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	258	10.9	14254	0.8	1.5	59	7.6	5112	0.4	0.7	B	B	B	*#
A114 UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DIS	46	9.0	8029	1.3	1.5	13	13.6	5504	1.2	1.2	B	B	B	#
A115 PERM CARDIAC PACEMAKER IMPL W/ AMI, HEART FAILU	187	5.2	9548	0.5	0.6	56	3.7	7028	0.2	0.7	B	B	B	*#
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	1037	4.1	5040	0.8	0.4	177	4.7	2715	0.5	0.3	C	C	C	*#
A117 CARDIAC PACEMAKER REPLACE & REVIS EXCEPT PULSE	85	3.0	3104	0.9	0.6	17	5.3	2859	1.0	0.7	C	C	C	#
A118 CARDIAC PACEMAKER PULSE GENERATOR REPLACEMENT	147	2.1	2717	0.9	0.3	26	5.1	2035	1.1	0.3	C	C	C	*#
A119 VEIN LIGATION & STRIPPING	11	4.8	5397	1.6	1.9	4	7.9	2837	1.8	1.4	B	B	B	#
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	254	11.0	21054	1.1	3.1	70	7.0	6098	0.5	1.3	A	B	A	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	782	11.1	19596	1.1	2.2	122	15.2	11492	1.1	1.8	A	A	A	

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CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 16540, FREQ(A)= 8110, FREQ(B)= 5410, FREQ(C)= 3007, FREQ(D)= 13
PCT(A)= 49.0, PCT(B)= 32.7, PCT(C)= 18.2, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A150 PERITONEAL ADHESIOLYSIS	89	5.9	11222	0.7	1.7	31	10.8	8696	1.1	2.2	B	B	B	*#
A152 MINOR SMALL & LARGE BOWEL PROCEDURES	68	5.7	7465	0.9	1.4	17	8.6	4359	1.0	1.3	C	B	B	#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	602	9.9	17651	1.3	2.4	108	10.2	9052	1.1	2.1	A	A	A	
A157 ANAL & STOMAL PROCEDURES	141	4.4	4211	1.3	1.7	37	5.1	2501	1.2	1.5	B	B	B	*#
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	74	6.5	6978	1.9	2.4	14	5.6	2759	1.2	1.4	B	C	B	#
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	198	3.6	3854	1.5	1.8	31	6.4	2776	1.8	1.8	B	B	B	*#
A164 APPENDECTOMY W COMPLICATED PRINCIPAL DIAG	37	8.4	12751	1.4	2.2	10	7.3	7548	0.9	2.1	B	B	B	#
A166 APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG	17	7.0	10342	2.0	3.3	5	9.3	5096	2.2	2.6	A	B	B	#
A168 MOUTH PROCEDURES	19	6.0	10541	1.8	2.6	6	17.8	11083	4.4	4.2	B	A	B	#
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	351	8.3	12487	1.4	2.6	64	10.1	6528	1.4	2.1	B	B	B	*#
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	553	6.6	7615	0.6	0.6	66	7.1	2430	0.5	0.3	B	B	B	*#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	761	6.3	7891	0.5	0.9	131	7.5	4332	0.5	0.7	B	B	B	*#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	30	15.8	16863	2.1	2.8	5	19.4	7357	2.1	1.9	A	A	B	#
A214 BACK & NECK PROCEDURES	50	11.7	15369	1.2	2.0	8	21.3	8882	2.0	2.0	A	A	B	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE	17	23.6	14844	3.6	2.8	2	14.2	2888	1.6	0.8	A	A	B	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	56	17.4	18097	2.1	2.4	8	18.6	6267	1.9	1.3	A	A	B	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	66	6.2	6236	1.2	1.2	9	10.4	5066	1.4	1.5	C	B	B	#
A221 KNEE PROCEDURES	19	8.6	7166	2.9	2.2	1	4.5	1661	1.3	0.9	B	C	B	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	31	6.4	6186	1.6	1.5	4	3.8	1216	0.8	0.5	B	C	B	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													B	#
A225 FOOT PROCEDURES	37	4.2	3356	1.4	1.1	6	-0.0	-160	-0.0	-0.1	C	D	B	#
A226 SOFT TISSUE PROCEDURES	24	11.9	15088	3.8	4.8	8	21.8	6799	5.3	3.4	A	A	B	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	13	2.9	7254	1.0	2.2	2	5.5	1290	1.4	0.6	B	C	B	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													B	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF	6	4.9	2298	1.5	0.7	1	11.1	3838	2.8	1.9	C	B	B	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	18	8.2	7727	2.9	2.6	6	7.6	2386	2.5	1.4	B	B	B	#
A232 ARTHROSCOPY	4	7.5	13211	3.7	5.3						A		B	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	34	6.8	6014	1.4	1.4	4	4.5	536	0.8	0.2	C	C	B	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE	7	13.3	10079	0.6	0.5						B		B	#
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	72	3.0	2592	0.6	0.6	12	4.6	2589	0.6	0.8	C	C	B	#
A259 SUBTOTAL MASTECTOMY FOR MALIGNANCY	28	5.9	6295	1.9	2.2	5	5.2	1263	1.1	0.6	B	C	B	#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 16540, FREQ(A)= 8110, FREQ(B)= 5410, FREQ(C)= 3007, FREQ(D)= 13
PCT(A)= 49.0, PCT(B)= 32.7, PCT(C)= 18.2, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A261 BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY &	9	1.2	136	0.4	0.0	1	-0.6	126	-0.2	0.1	C	D	B	#
A262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNAN	12	1.9	1048	1.1	0.6	3	14.9	4317	6.2	3.1	C	A	B	#
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	207	12.9	15195	0.9	1.5	38	18.9	8869	1.1	1.6	A	A	A	
A267 PERIANAL & PILONIDAL PROCEDURES													B	#
A268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROC	9	1.2	917	0.5	0.3	1	6.4	2303	2.4	1.4	C	B	B	#
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	85	13.0	11214	3.8	3.6	11	12.1	6680	2.6	3.0	A	A	B	#
MDC 10														
A285 AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& ME	14	10.0	13572	0.7	1.5	2	28.8	17262	1.5	2.2	B	A	B	#
A286 ADRENAL & PITUITARY PROCEDURES	5	6.2	5220	0.7	0.6						C		B	#
A287 SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT &	36	21.4	19535	1.7	2.0	11	21.1	6668	1.8	1.7	A	A	B	#
A288 O.R. PROCEDURES FOR OBESITY	1	10.5	9174	1.9	1.3	2	8.6	7282	1.6	2.3	B	B	B	#
A289 PARATHYROID PROCEDURES	12	13.9	16393	3.1	3.6						A		B	#
A290 THYROID PROCEDURES	11	7.2	11421	2.2	3.5	2	4.6	4231	1.1	1.8	A	B	B	#
A291 THYROGLOSSAL PROCEDURES													B	#
A292 OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC	47	22.2	29705	3.5	5.8	5	12.5	5047	1.6	1.5	A	B	B	#
MDC 11														
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	107	13.9	17631	2.1	3.0	27	6.6	5533	0.7	1.3	A	B	A	
A306 PROSTATECTOMY	87	8.4	9175	1.6	2.2	17	10.4	8393	1.1	2.3	B	B	B	#
A310 TRANSURETHRAL PROCEDURES	93	5.2	5364	1.7	2.0	21	5.7	3051	1.3	1.6	B	B	B	#
A312 URETHRAL PROCEDURES	19	4,1	5303	1.4	2.0	6	3.9	1527	1.0	0.9	B	C	B	#
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	418	13.2	17670	2.0	2.4	66	14.7	7921	1.8	1.7	A	A	A	
MDC 12														
A334 MAJOR MALE PELVIC PROCEDURES	51	8.5	12535	1.0	1.7	3	2.0	731	0.2	0.2	B	C	C	#
A336 TRANSURETHRAL PROSTATECTOMY	313	5.3	4941	1.1	1.4	53	7.0	3104	1.0	1.2	C	C	C	*#
A338 TESTES PROCEDURES, FOR MALIGNANCY	22	6.6	5340	2.4	1.9	4	11.9	3534	2.6	1.6	B	B	C	#
A339 TESTES PROCEDURES, NON-MALIGNANCY	9	4.3	6675	2.1	3.1	4	3.7	1128	1.4	0.8	A	C	C	#
A341 PENIS PROCEDURES	27	3.1	1912	0.8	0.4	4	3.6	1918	0.7	0.5	C	C	C	#
A342 CIRCUMCISION	4	8.6	5053	5.0	2.9						A		C	#
A344 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	9	4.9	5215	0.9	1.0	1	7.0	7687	1.0	2.2	C	B	C	#
A345 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT	3	10.9	9129	3.9	3.4	1	0.7	480	0.2	0.3	A	C	C	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	5	16.5	24805	1.6	2.4						A		B	#

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 127 HEART FAILURE & SHOCK ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 16540, FREQ(A)= 8110, FREQ(B)= 5410, FREQ(C)= 3007, FREQ(D)= 13
PCT(A)= 49.0, PCT(B)= 32.7, PCT(C)= 18.2, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	25	10.7	20102	1.9	4.4	3	6.5	3090	0.9	1.0	A	C	B	#
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	22	2.7	2802	0.5	0.8	2	-1.7	289	-0.2	0.1	C	D	B	#
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	26	11.4	20447	1.6	3.3	6	11.8	6446	1.4	1.6	A	B	B	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	63	6.7	8710	1.3	2.1	20	3.5	1927	0.6	0.7	B	C	B	#
A360 VAGINA, CERVIX & VULVA PROCEDURES	15	6.1	6261	2.6	2.8	4	10.4	2933	4.0	2.2	B	A	B	#
A361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	4	0.6	394	0.3	0.2						C		B	#
A362 ENDOSCOPIC TUBAL INTERRUPTION	1	0.8	2762	0.7	2.0						B		B	#
A363 D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	17	10.7	9709	4.6	4.4	5	6.0	2358	2.0	1.5	A	B	B	#
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	35	2.3	2580	1.4	1.6	6	4.1	1133	2.1	1.1	B	B	B	#
A365 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURE	14	10.3	12182	2.0	2.9	5	12.8	9402	1.9	3.3	B	A	B	#
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	257	16.8	28829	1.5	3.3	31	13.4	11327	1.1	2.3	A	A	A	
MDC 19														
A424 O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL	11	8.3	7720	0.5	0.9	3	2.0	233	0.1	0.0	B	C	B	#
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	318	10.2	16340	2.0	3.1	41	9.5	5638	1.4	1.5	A	B	A	
MDC 23														
A461 O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH	19	27.7	12826	5.4	2.9	8	10.9	3520	2.1	1.3	A	B	B	#

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\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 130 PERIPHERAL VASCULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 12990, FREQ(A)= 2641, FREQ(B)= 7593, FREQ(C)= 2741, FREQ(D)= 15
PCT(A)= 20.3, PCT(B)= 58.5, PCT(C)= 21.1, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	361	4.4	6345	0.8	1.0	64	9.4	4700	1.1	1.0	C	B	B	
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	2351	7.7	9195	0.8	0.8	648	9.1	4525	0.8	0.6	B	B	B	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	1067	9.4	9897	1.7	1.5	241	11.2	6103	1.4	1.3	B	B	B	
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	1529	6.1	5945	0.5	0.6	504	6.3	3029	0.3	0.4	C	C	C	*#
A114 UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DIS	525	7.8	5499	1.2	1.0	150	8.9	3014	0.8	0.7	B	B	C	#
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	249	6.8	7696	0.7	1.1	75	5.5	2510	0.4	0.5	B	C	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	128	13.4	20551	1.3	2.3	31	22.3	13301	1.7	2.1	A	A	B	*
MDC 8														
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	185	9.4	7310	1.2	1.2	36	17.7	7906	1.9	2.0	B	A	B	
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	192	19.9	17308	2.4	2.3	35	23.6	10976	2.4	2.3	A	A	B	*
MDC 9														
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	629	8.8	8301	0.6	0.8	126	15.4	6524	0.9	1.1	B	A	B	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	235	16.7	14292	4.9	4.6	64	20.5	8342	4.4	3.8	A	A	B	*
MDC 10														
A285 AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& ME	100	8.4	12895	0.6	1.4	42	15.2	7658	0.8	1.0	B	A	B	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	212	15.4	17213	1.4	1.9	33	33.1	13287	2.7	2.7	A	A	B	*
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	387	11.1	13953	2.2	2.6	84	11.7	6642	1.7	1.8	B	B	B	

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL

SURGICAL MODEL

(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 130 PERIPHERAL VASCULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE B

FREQ(TOTAL)= 12990, FREQ(A)= 2641, FREQ(B)= 7593, FREQ(C)= 2741, FREQ(D)= 15

PCT(A)= 20.3, PCT(B)= 58.5, PCT(C)= 21.1, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 135 CARDIAC CONGENITAL & VALVULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7439, FREQ(A)= 566, FREQ(B)= 1969, FREQ(C)= 4356, FREQ(D)= 548
PCT(A)= 7.6, PCT(B)= 26.5, PCT(C)= 58.6, FREQ(D)= 7.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	212	0.4	352	0.2	0.1	43	0.6	146	0.2	0.1	D	C	C	
MDC 4														
A075 MAJOR CHEST PROCEDURES	55	5.1	9749	0.6	1.0	7	4.4	1436	0.4	0.2	B	C	B	#
A076 OTHER RESP SYSTEM O.R. PROCEDURES	23	9.2	15887	1.7	3.0	4	9.4	8598	1.1	2.0	A	B	B	#
MDC 5														
A103 HEART TRANSPLANT	4	12.0	59776	0.4	0.9						A		B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	463	9.8	19959	0.8	0.7	10	12.4	8802	0.8	0.5	A	B	B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	491	4.8	14571	0.4	0.6	84	10.8	7995	0.8	0.5	B	B	B	*#
A106 CORONARY BYPASS W CARDIAC CATH	258	3.9	9120	0.4	0.4	5	3.9	9196	0.3	0.6	B	A	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	182	3.4	9342	0.4	0.5	28	3.4	4475	0.3	0.4	B	C	B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	50	3.1	9827	0.3	0.5	2	8.9	7229	0.9	0.7	B	B	B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	56	1.5	8848	0.2	0.7	10	9.3	11363	0.9	1.3	B	A	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	123	4.2	7507	0.5	0.6	15	3.7	3506	0.3	0.4	B	C	B	#
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	400	2.1	2680	0.4	0.2	54	1.9	1010	0.2	0.1	C	C	C	
MDC 6														
A146 RECTAL RESECTION	34	3.6	7124	0.3	0.7						C		B	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	172	5.9	8332	0.6	0.9	23	3.6	1650	0.3	0.3	B	C	B	#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	156	4.0	4123	0.5	0.6	33	1.5	808	0.2	0.2	C	C	B	#
A157 ANAL & STOMAL PROCEDURES	100	1.0	897	0.3	0.4	27	0.7	499	0.2	0.3	C	C	C	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	152	1.1	982	0.5	0.5	28	1.7	907	0.5	0.6	C	C	C	
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	8	0.8	3058	0.1	0.2	1	9.0	10317	0.7	1.5	C	A	B	#
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	165	3.0	4679	0.5	1.0	31	2.0	1253	0.3	0.4	C	C	C	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	252	2.6	2512	0.2	0.2	29	1.1	-536	0.1	-0.1	C	C	C	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	241	2.4	2926	0.2	0.3	34	2.2	1892	0.1	0.3	C	C	C	

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 135 CARDIAC CONGENITAL & VALVULAR DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7439, FREQ(A)= 566, FREQ(B)= 1969, FREQ(C)= 4356, FREQ(D)= 548
PCT(A)= 7.6, PCT(B)= 26.5, PCT(C)= 58.6, FREQ(D)= 7.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 10														
A286 ADRENAL & PITUITARY PROCEDURES													B	#
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	178	1.8	2195	0.4	0.6	30	0.8	383	0.1	0.1	C	D	C	
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	7	5.3	4073	0.5	0.4	1	-1.1	424	-0.1	0.1	C	D	B	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	217	0.8	957	0.2	0.2	47	0.3	388	0.0	0.1	C	D	C	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 25008, FREQ(A)= 1081, FREQ(B)= 8522, FREQ(C)=14336, FREQ(D)= 1069
PCT(A)= 4.3, PCT(B)= 34.1, PCT(C)= 57.3, FREQ(D)= 4.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	429	3.8	4878	0.7	0.8	45	6.4	2491	0.8	0.5	C	C	C	
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	1012	0.3	506	0.2	0.2	147	1.0	536	0.4	0.3	D	C	C	
MDC 4														
A075 MAJOR CHEST PROCEDURES	353	7.9	12484	0.9	1.3	45	6.7	5396	0.5	0.8	B	B	C	*
A076 OTHER RESP SYSTEM O.R. PROCEDURES	120	16.8	27068	3.2	5.0	26	12.1	8022	1.4	1.9	A	B	C	
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	594	3.3	9746	0.3	0.4	51	9.4	6715	0.7	0.4	B	B	C	*
A106 CORONARY BYPASS W CARDIAC CATH	1342	4.8	10388	0.4	0.4	35	5.3	4667	0.4	0.3	B	B	C	*
A107 CORONARY BYPASS W/O CARDIAC CATH	870	3.3	7239	0.4	0.4	143	5.8	4803	0.5	0.4	C	B	C	
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	245	3.8	12619	0.5	1.0	33	5.2	11293	0.5	1.3	B	A	C	
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	622	6.2	9225	0.7	0.8	74	4.0	3723	0.3	0.5	B	C	C	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	592	7.9	8238	1.4	1.3	98	6.9	3630	0.8	0.8	B	C	C	
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	179	5.7	5750	0.4	0.6	32	6.1	2903	0.3	0.4	C	C	C	
A115 PERM CARDIAC PACEMAKER IMPL W/ AMI, HEART FAILU	623	3.5	6469	0.3	0.4	118	2.1	5680	0.1	0.6	C	B	C	
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	2263	2.4	3032	0.5	0.2	336	2.8	1389	0.3	0.1	C	C	C	
A117 CARDIAC PACEMAKER REPLACE & REVIS EXCEPT PULSE	221	2.8	3869	0.9	0.7	38	5.1	1758	0.9	0.4	C	C	C	
A118 CARDIAC PACEMAKER PULSE GENERATOR REPLACEMENT	421	1.8	2561	0.7	0.3	61	2.2	1657	0.5	0.3	C	C	C	
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	217	10.4	17617	1.1	2.6	43	7.5	4447	0.5	0.9	A	B	C	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	865	8.0	13224	0.8	1.5	101	8.0	6878	0.6	1.1	B	B	C	*
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	483	6.1	10348	0.8	1.4	74	6.0	4640	0.6	1.1	B	B	C	*
A157 ANAL & STOMAL PROCEDURES	206	3.3	2936	1.0	1.2	42	4.2	1943	1.0	1.2	C	C	C	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	524	1.6	1570	0.6	0.7	69	2.6	983	0.7	0.6	C	C	C	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	471	4.7	6682	0.8	1.4	92	6.5	3752	0.9	1.2	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 25008, FREQ(A)= 1081, FREQ(B)= 8522, FREQ(C)=14336, FREQ(D)= 1069
PCT(A)= 4.3, PCT(B)= 34.1, PCT(C)= 57.3, FREQ(D)= 4.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	966	3.6	3320	0.3	0.3	87	5.9	2082	0.4	0.3	C	C	C	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	1048	3.6	4405	0.3	0.5	123	5.8	2943	0.4	0.5	C	C	C	
MDC 11														
A310 TRANSURETHRAL PROCEDURES	241	2.7	2129	0.9	0.8	36	3.4	1350	0.7	0.7	C	C	C	
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	851	2.1	2048	0.5	0.6	88	5.3	2373	0.8	0.9	C	C	C	
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	173	2.0	2617	0.4	0.6	36	1.3	663	0.2	0.2	C	C	C	
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	314	7.5	10490	1.5	2.0	41	10.5	8696	1.5	2.3	B	B	C	*

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 140 ANGINA PECTORIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 11698, FREQ(A)= 59, FREQ(B)= 1285, FREQ(C)=10262, FREQ(D)= 92
PCT(A)= 0.5, PCT(B)= 11.0, PCT(C)= 87.7, FREQ(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 1													
A005 EXTRACRANIAL VASCULAR PROCEDURES	340	3.1	4143	0.6	0.6	41	3.1	1239	0.4	0.3	C	C	C
MDC 2													
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	319	0.5	704	0.3	0.2	124	0.8	352	0.4	0.2	C	C	C
MDC 5													
A106 CORONARY BYPASS W CARDIAC CATH	2455	2.5	5881	0.2	0.3	134	4.2	2147	0.3	0.1	C	C	C
A107 CORONARY BYPASS W/O CARDIAC CATH	1885	1.5	4188	0.2	0.2	377	3.2	2771	0.3	0.2	C	C	C
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	239	4.0	6482	0.4	0.5	56	5.2	3247	0.4	0.4	C	C	C
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	230	2.8	4252	0.5	0.6	63	2.2	2270	0.3	0.5	C	C	C
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	528	2.0	2683	0.4	0.2	84	1.9	1159	0.2	0.1	C	C	C
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	188	6.9	8783	0.7	1.0	43	3.2	3085	0.2	0.5	B	C	C
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	152	4.1	5347	0.5	0.7	54	1.6	664	0.2	0.2	C	C	C
A157 ANAL & STOMAL PROCEDURES	100	2.0	1635	0.6	0.7	26	1.6	658	0.4	0.4	C	C	C
MDC 7													
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	213	4.3	5093	0.7	1.1	55	5.1	3221	0.7	1.0	C	C	C
MDC 8													
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	211	2.6	2787	0.2	0.2	26	3.4	1120	0.2	0.1	C	C	C
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	182	3.4	3575	0.3	0.4	34	2.8	1203	0.2	0.2	C	C	C
MDC 12													
A336 TRANSURETHRAL PROSTATECTOMY	238	1.6	2023	0.3	0.6	44	2.5	1088	0.4	0.4	C	C	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 144A (A) OTHER CIRCULATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 7600, FREQ(A)= 1417, FREQ(B)= 3706, FREQ(C)= 2422, FREQ(D)= 55
PCT(A)= 18.6, PCT(B)= 48.8, PCT(C)= 31.9, FREQ(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A036 RETINAL PROCEDURES	34	1.1	1835	0.3	0.5	5	-0.7	-392	-0.1	-0.1	C	D	C	#
A037 ORBITAL PROCEDURES	6	0.2	731	0.1	0.2	1	40.8	20945	9.8	8.2	C	A	C	#
A038 PRIMARY IRIS PROCEDURES													C	#
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	109	1.4	2062	0.8	0.7	9	2.6	1455	1.1	0.7	C	C	C	#
A040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT	5	1.3	3260	0.6	1.4	1	-1.1	-229	-0.5	-0.2	C	D	C	#
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	15	1.4	1495	0.5	0.4	2	6.3	2757	1.7	1.1	C	B	C	#
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	315	4.5	11663	0.4	0.5	72	5.3	3033	0.4	0.2	B	C	B	
A107 CORONARY BYPASS W/O CARDIAC CATH	866	2.7	5803	0.3	0.3	236	3.4	3507	0.3	0.3	C	C	B	*
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	392	6.6	11980	0.7	1.0	55	6.0	6223	0.5	0.8	B	B	B	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	153	8.9	11671	1.6	1.8	26	14.6	8806	1.8	1.8	B	A	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	266	9.0	15450	0.9	1.7	38	7.4	6453	0.5	1.0	A	B	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 144B (B) OTHER CIRCULATORY SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3936, FREQ(A)= 892, FREQ(B)= 1844, FREQ(C)= 1108, FREQ(D)= 92
PCT(A)= 22.7, PCT(B)= 46.8, PCT(C)= 28.2, FREQ(D)= 2.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A036 RETINAL PROCEDURES	3	2.2	2186	0.6	0.6	1	-0.7	-253	-0.1	-0.1	C	D	C	#
A037 ORBITAL PROCEDURES	2	19.4	13138	6.2	3.9						A		C	#
A038 PRIMARY IRIS PROCEDURES													C	#
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	61	0.7	816	0.4	0.3	2	2.2	34	0.9	0.0	C	C	C	#
A040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT	4	8.0	5809	4.1	2.6						A		C	#
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	7	-0.3	-649	-0.1	-0.2	2	-1.2	360	-0.3	0.1	D	D	C	#
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	159	3.5	11391	0.3	0.5	34	-0.5	168	-0.0	0.0	B	D	B	
A107 CORONARY BYPASS W/O CARDIAC CATH	197	3.3	8176	0.4	0.4	87	4.4	3871	0.4	0.3	B	C	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 172 DIGESTIVE MALIGNANCY ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 5660, FREQ(A)= 443, FREQ(B)= 3658, FREQ(C)= 1540, FREQ(D)= 19
PCT(A)= 7.8, PCT(B)= 64.6, PCT(C)= 27.2, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A146 RECTAL RESECTION	176	6.9	8265	0.6	0.8	39	7.3	4558	0.5	0.7	B	B	B	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1422	7.2	8790	0.7	1.0	290	6.7	3934	0.5	0.6	B	C	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	366	10.0	14196	1.3	2.0	59	13.0	9157	1.4	2.2	B	A	B	
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	220	10.2	8695	1.8	1.6	48	10.1	3909	1.2	1.1	B	B	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	84	8.3	9866	1.4	2.0	26	8.0	6094	1.1	2.0	B	B	B	
A199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNAN	164	7.1	6759	0.9	1.0	33	4.7	2551	0.4	0.5	B	C	B	
MDC 13														
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	494	5.6	6779	0.8	1.1	94	6.9	3716	0.8	0.9	C	C	C	*#
MDC 17														
A406 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O	154	7.5	8978	1.0	1.3	45	8.4	5937	0.9	1.4	B	B	B	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 174 G.I. HEMORRHAGE ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 6407, FREQ(A)= 2166, FREQ(B)= 1860, FREQ(C)= 2355, FREQ(D)= 26
PCT(A)= 33.8, PCT(B)= 29.0, PCT(C)= 36.8, FREQ(D)= 0.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A146 RECTAL RESECTION	116	7.8	12388	0.7	1.2	17	10.2	5393	0.7	0.8	B	B	B	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	758	9.2	14908	0.9	1.6	139	9.7	7808	0.7	1.2	B	B	B	*#
A150 PERITONEAL ADHESIOLYSIS	33	10.2	18780	1.3	2.8	9	9.9	7825	1.0	1.9	A	B	B	#
A152 MINOR SMALL & LARGE BOWEL PROCEDURES	195	0.8	1946	0.1	0.4	44	1.6	1670	0.2	0.5	C	C	C	*#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	1095	4.3	7136	0.5	1.0	300	2.6	2754	0.3	0.6	C	C	C	*#
A157 ANAL & STOMAL PROCEDURES	387	3.3	2543	1.0	1.1	116	3.8	1488	0.9	0.9	C	C	C	*#
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	16	8.9	14763	2.7	5.1	2	1.7	969	0.3	0.5	A	C	B	#
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	36	6.9	9471	2.8	4.4	6	2.9	1339	0.8	0.8	A	C	B	#
A164 APPENDECTOMY W COMPLICATED PRINCIPAL DIAG	10	6.4	14143	1.0	2.5	2	6.3	8510	0.8	2.3	B	B	B	#
A166 APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG	13	4.4	5841	1.3	1.9	2	20.2	7823	4.7	4.0	B	A	B	#
A168 MOUTH PROCEDURES	3	1.7	3812	0.5	0.9						C		B	#
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	108	9.1	11782	1.6	2.2	16	12.3	8314	1.5	2.2	B	B	B	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 176 COMPLICATED PEPTIC ULCER ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1123, FREQ(A)= 397, FREQ(B)= 665, FREQ(C)= 54, FREQ(D)= 7
PCT(A)= 35.4, PCT(B)= 59.2, PCT(C)= 4.8, FREQ(D)= 0.6

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	508	9.5	10975	1.2	1.5	93	9.6	5349	1.0	1.3	B	B	B

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 180 G.I. OBSTRUCTION ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 6927, FREQ(A)= 1286, FREQ(B)= 4269, FREQ(C)= 1371, FREQ(D)= 1
PCT(A)= 18.6, PCT(B)= 61.6, PCT(C)= 19.8, FREQ(D)= 0.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A146 RECTAL RESECTION	198	9.8	12521	0.9	1.2	43	5.6	3830	0.4	0.6	B	C	B	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	2127	8.1	10577	0.8	1.2	384	7.3	4856	0.6	0.8	B	B	B	
A150 PERITONEAL ADHESIOLYSIS	374	5.3	6744	0.6	1.0	73	3.9	2994	0.4	0.7	C	C	C	*#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	162	10.8	11882	1.4	1.6	31	11.6	6735	1.2	1.6	B	B	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	178	7.6	9058	1.3	1.9	37	8.8	4480	1.2	1.5	B	B	B	
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	272	5.3	5599	1.0	1.4	52	6.6	3330	1.0	1.2	C	C	B	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 182 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORD ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1247, FREQ(A)= 363, FREQ(B)= 186, FREQ(C)= 680, FREQ(D)= 18
PCT(A)= 29.1, PCT(B)= 14.9, PCT(C)= 54.5, FREQ(D)= 1.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	347	4.3	6737	0.5	0.9	180	2.6	1892	0.3	0.4	C	C	C

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Appendix 8
GLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGIGAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

GADRG 185 DENTAL & ORAL DIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1407, FREQ(A)= 336, FREQ(B)= 306, FREQ(C)= 756, FREQ(D)= 9
PGT(A)= 23.9, PGT(B)= 21.7, PGT(C)= 53.7, FREQ(D)= 0.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A002 GRANIOTOMY FOR TRAUMA	91	8.8	16543	0.8	1.2	39	19.0	20934	1.4	2.4	A	A	B	*#
A004 SPINAL PROCEDURES	6	13.4	28408	1.2	2.9						A		B	#
MDC 6														
A168 MOUTH PROCEDURES	445	3.5	3826	1.1	0.9	80	3.1	2281	0.8	0.9	C	C	C	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 188A (A) OTHER DIGESTIVE SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 8961, FREQ(A)= 5165, FREQ(B)= 1983, FREQ(C)= 1756, FREQ(D)= 57
PCT(A)= 57.6, PCT(B)= 22.1, PCT(C)= 19.6, FREQ(D)= 0.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	190	11.2	22917	1.2	1.9	21	18.9	18814	1.6	2.4	A	A	A	#
MDC 6														
A146 RECTAL RESECTION	322	9.2	17303	0.8	1.6	83	7.8	7202	0.6	1.0	A	B	A	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	2224	9.5	16099	0.9	1.8	406	9.8	7881	0.7	1.2	A	B	A	#
A150 PERITONEAL ADHESIOLYSIS	167	8.5	12398	1.0	1.9	58	4.4	3421	0.4	0.8	B	C	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	582	10.5	17808	1.3	2.4	148	12.6	11056	1.3	2.6	A	A	A	*#
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	98	9.3	13113	1.6	2.4	29	8.9	8523	1.1	2.3	B	B	B	
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	244	10.6	21948	0.9	1.6	39	13.0	20133	1.1	2.9	A	A	A	*#
A192 MINOR PANCREAS, LIVER & SHUNT PROCEDURES	38	25.5	42716	2.0	3.6	6	28.1	25764	2.0	3.6	A	A	A	#
A193 BILIARY TRACT PROC EXCEPT TOT CHOLECYSTECTOMY	57	12.8	19089	1.2	2.0	13	13.4	9074	0.9	1.3	A	A	A	#
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	298	8.0	11199	1.3	2.3	76	9.3	7772	1.3	2.5	B	B	B	
A201 OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES	498	1.1	4479	0.1	0.6	38	-2.4	987	-0.2	0.2	C	C	B	*
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	352	3.8	4119	0.7	1.0	60	5.7	3291	0.9	1.2	C	C	B	*

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SURGICAL MODEL
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CADRG 188B (B) OTHER DIGESTIVE SYSTEM DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 5393, FREQ(A)= 624, FREQ(B)= 1191, FREQ(C)= 3360, FREQ(D)= 218
PCT(A)= 11.6, PCT(B)= 22.1, PCT(C)= 62.3, FREQ(D)= 4.0

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A146 RECTAL RESECTION	159	6.6	10567	0.6	1.0	41	5.5	3721	0.4	0.5	B	C	C	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1117	4.1	7087	0.4	0.8	194	5.8	4770	0.4	0.8	C	B	C	
A150 PERITONEAL ADHESIOLYSIS	137	4.2	7851	0.5	1.2	41	6.2	4627	0.6	1.1	B	B	C	*
A157 ANAL & STOMAL PROCEDURES	326	0.9	1037	0.3	0.4	69	1.1	615	0.3	0.4	C	C	C	
A164 APPENDECTOMY W COMPLICATED PRINCIPAL DIAG	352	3.2	3567	0.5	0.6	58	3.1	2190	0.4	0.6	C	C	C	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	139	2.9	4363	0.5	0.9	42	4.1	2323	0.5	0.8	C	C	C	
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	541	0.3	997	0.1	0.2	103	0.2	340	0.0	0.1	C	D	C	

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 202 CIRRHOSIS & ALCOHOLIC HEPATITIS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3069, FREQ(A)= 595, FREQ(B)= 1222, FREQ(C)= 1176, FREQ(D)= 76
PCT(A)= 19.4, PCT(B)= 39.8, PCT(C)= 38.3, FREQ(D)= 2.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	46	11.6	15183	1.3	1.6	5	21.5	18053	1.7	2.7	A	A	B	#
A076 OTHER RESP SYSTEM O.R. PROCEDURES	24	20.6	22644	3.9	4.2	7	26.5	22607	3.1	5.3	A	A	B	#
MDC 5														
A103 HEART TRANSPLANT													B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	8	9.9	30775	0.8	1.1						A		B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	4	20.3	59164	1.9	2.5	1	18.1	11550	1.4	0.7	A	A	B	#
A106 CORONARY BYPASS W CARDIAC CATH	3	7.3	16181	0.7	0.7						A		B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	6	3.8	9110	0.4	0.5						B		B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W													B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	2	-0.8	632	-0.1	0.0	1	2.6	-2178	0.2	-0.2	D	C	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	24	4.2	8316	0.5	0.7	3	-0.8	593	-0.1	0.1	B	D	B	#
MDC 6														
A146 RECTAL RESECTION	15	3.3	8664	0.3	0.8	6	1.7	4927	0.1	0.7	B	B	B	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	127	8.1	15038	0.8	1.7	18	5.6	7952	0.4	1.3	A	B	B	#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	417	5.3	12810	0.7	1.8	69	4.1	7334	0.4	1.7	B	B	B	*#
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	96	8.1	17632	0.7	1.3	16	7.1	7348	0.6	1.1	A	B	B	#
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	347	4.3	6033	0.7	1.3	59	4.8	3170	0.6	1.0	C	C	C	
MDC 10														
A286 ADRENAL & PITUITARY PROCEDURES													B	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD						1	8.9	15986	0.7	2.1		A	B	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 203 MALIG OF HEPATOBILIARY SYSTEM OR PANCREAS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4373, FREQ(A)= 213, FREQ(B)= 1867, FREQ(C)= 2263, FREQ(D)= 30
PCT(A)= 4.9, PCT(B)= 42.7, PCT(C)= 51.7, FREQ(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A076 OTHER RESP SYSTEM O.R. PROCEDURES	97	7.9	7103	1.5	1.3	38	7.1	2170	0.8	0.5	B	B	C	*
MDC 6														
A146 RECTAL RESECTION	185	4.3	5842	0.4	0.5	39	5.7	3681	0.4	0.5	C	C	C	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1021	5.9	6686	0.6	0.7	249	7.1	3410	0.5	0.5	C	B	C	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	288	8.5	10759	1.1	1.5	69	12.2	8398	1.3	2.0	B	B	C	*
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	180	9.0	8463	1.6	1.6	44	6.8	2755	0.8	0.7	B	C	C	
MDC 7														
A193 BILIARY TRACT PROC EXCEPT TOT CHOLECYSTECTOMY	269	4.7	4840	0.4	0.5	42	7.8	4210	0.6	0.6	C	B	C	
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	100	7.9	10326	1.3	2.1	34	8.7	5929	1.2	1.9	B	B	C	*
A199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNAN	143	5.4	4905	0.7	0.7	41	5.5	2505	0.5	0.5	C	C	C	

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2044, FREQ(A)= 589, FREQ(B)= 430, FREQ(C)= 1020, FREQ(D)= 5
PCT(A)= 28.8, PCT(B)= 21.0, PCT(C)= 49.9, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	4	23.8	35602	2.0	2.7						A		B	#
A002 CRANIOTOMY FOR TRAUMA	3	76.9	76588	7.2	5.7	1	11.2	19625	0.8	2.2	A	A	B	#
A004 SPINAL PROCEDURES	1	84.7	89275	7.5	9.1						A		B	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	10	10.2	19241	1.1	2.0	4	7.3	4424	0.6	0.7	A	B	B	#
A076 OTHER RESP SYSTEM O.R. PROCEDURES	2	17.7	10461	3.3	1.9	1	14.4	2164	1.7	0.5	A	A	B	#
MDC 5														
A103 HEART TRANSPLANT	1	41.0	72159	1.2	1.1						A		B	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	1	12.5	5019	1.0	0.2						B		B	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	4	22.1	57640	2.1	2.4						A		B	#
A106 CORONARY BYPASS W CARDIAC CATH	7	29.1	50457	2.7	2.2	1	-8.3	6789	-0.6	0.5	A	B	B	#
A107 CORONARY BYPASS W/O CARDIAC CATH	6	12.1	32724	1.4	1.7	4	16.3	18873	1.5	1.6	A	A	B	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	1	107.7	198177	11.5	10.9						A		B	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP						1	61.6	34081	5.9	3.8		A	B	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	19	10.0	33132	1.1	2.8	3	35.9	25799	3.0	3.2	A	A	B	#
MDC 6														
A146 RECTAL RESECTION	3	9.2	18577	0.8	1.7						A		B	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	57	13.1	23003	1.3	2.5	9	14.0	19974	1.1	3.1	A	A	B	#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	125	8.4	14473	1.1	2.0	22	1.6	399	0.2	0.1	B	C	B	#
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	82	12.8	20694	1.1	1.6	18	21.6	14318	1.8	2.1	A	A	B	#
A195 TOTAL CHOLECYSTECTOMY W C.D.E.	343	4.8	6148	0.6	0.9	54	5.6	2946	0.5	0.6	C	C	C	
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	546	4.9	5952	0.8	1.2	139	7.5	4133	1.0	1.3	C	B	C	
MDC 10														
A286 ADRENAL & PITUITARY PROCEDURES													B	#

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 2044, FREQ(A)= 589, FREQ(B)= 430, FREQ(C)= 1020, FREQ(D)= 5
PCT(A)= 28.8, PCT(B)= 21.0, PCT(C)= 49.9, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 13													
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD												B	#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 2378, FREQ(A)= 1255, FREQ(B)= 881, FREQ(C)= 201, FREQ(D)= 41
PCT(A)= 52.8, PCT(B)= 37.0, PCT(C)= 8.5, FREQ(D)= 1.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	11	5.8	18007	0.5	1.4	2	18.1	11985	1.2	1.3	A	A	A	#
A002 CRANIOTOMY FOR TRAUMA	30	12.0	33411	1.1	2.5	14	21.0	10003	1.5	1.1	A	A	A	#
A004 SPINAL PROCEDURES	9	42.4	44390	3.8	4.5						A		A	#
MDC 4														
A075 MAJOR CHEST PROCEDURES	84	4.0	15735	0.4	1.6	11	-0.2	7170	-0.0	1.1	A	B	A	#
A076 OTHER RESP SYSTEM O.R. PROCEDURES	12	16.4	21177	3.1	3.9	2	4.4	1842	0.5	0.4	A	C	A	#
MDC 5														
A103 HEART TRANSPLANT	1	9.0	44184	0.3	0.6						A		A	#
A104 CARDIAC VALVE PROCEDURE W PUMP & W CARDIAC CATH	6	15.2	54337	1.2	1.9						A		A	#
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	8	3.1	32174	0.3	1.4	1	-11.9	-1650	-0.9	-0.1	A	D	A	#
A106 CORONARY BYPASS W CARDIAC CATH	12	10.0	18983	0.9	0.8						A		A	#
A107 CORONARY BYPASS W/O CARDIAC CATH	4	2.8	17111	0.3	0.9	2	6.5	4469	0.6	0.4	A	C	A	#
A108 OTHER CARDIOTHORACIC OR VASCULAR PROCEDURES, W	1	-5.3	416	-0.6	0.0						D		A	#
A109 OTHER CARDIOTHORACIC PROCEDURES W/O PUMP	21	1.7	11900	0.2	0.9	3	26.6	25902	2.5	2.9	B	A	A	#
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	23	8.6	30499	0.9	2.6	5	5.1	10448	0.4	1.3	A	A	A	#
MDC 6														
A146 RECTAL RESECTION	10	33.0	38794	3.0	3.6	2	9.8	11526	0.7	1.7	A	A	A	#
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	113	7.2	15488	0.7	1.7	27	7.5	11804	0.6	1.9	A	A	A	*#
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	166	9.5	16787	1.2	2.3	16	5.7	8214	0.6	1.9	A	B	A	#
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	132	13.8	29413	1.1	2.2	25	11.2	13489	0.9	1.9	A	A	A	#
MDC 10														
A286 ADRENAL & PITUITARY PROCEDURES	1	-0.4	5661	-0.1	0.6						C		A	#
MDC 13														

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 205 DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 2378, FREQ(A)= 1255, FREQ(B)= 881, FREQ(C)= 201, FREQ(D)= 41
PCT(A)= 52.8, PCT(B)= 37.0, PCT(C)= 8.5, FREQ(D)= 1.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD						1	29.9	13049	2.3	1.7	A	A	#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 207 DISORDERS OF THE BILIARY TRACT ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 12445, FREQ(A)= 731, FREQ(B)= 1749, FREQ(C)= 9957, FREQ(D)= 8
PCT(A)= 5.9, PCT(B)= 14.1, PCT(C)= 80.0, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	440	6.5	8631	0.6	1.0	103	6.8	6577	0.5	1.0	B	B	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	346	7.7	11206	1.0	1.5	89	9.6	7066	1.0	1.7	B	B	B	
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	221	4.0	8024	0.3	0.6	37	10.5	7930	0.9	1.1	B	B	B	
A192 MINOR PANCREAS, LIVER & SHUNT PROCEDURES	144	9.6	19742	0.8	1.7	28	4.7	2965	0.3	0.4	A	C	B	
A193 BILIARY TRACT PROC EXCEPT TOT CHOLECYSTECTOMY	273	4.2	5728	0.4	0.6	53	5.7	3794	0.4	0.6	C	C	C	*#
A195 TOTAL CHOLECYSTECTOMY W C.D.E.	2393	2.7	3853	0.3	0.5	451	3.4	1795	0.3	0.4	C	C	C	*#
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	4901	1.8	2419	0.3	0.5	1326	2.0	1490	0.3	0.5	C	C	C	*#
A199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNAN	26	7.8	6391	1.0	0.9	1	14.1	11475	1.2	2.3	B	A	C	#
A200 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALI	44	3.7	2931	0.7	0.6	8	2.8	2691	0.4	0.9	C	C	C	#
A201 OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES	3	4.5	13843	0.5	1.7	4	11.8	8576	1.1	1.6	B	B	C	#
MDC 10														
A288 O.R. PROCEDURES FOR OBESITY	162	2.3	2691	0.4	0.4	29	0.8	784	0.2	0.2	C	C	C	*#

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 235 FRACTURES OF FEMUR ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 639, FREQ(A)= 473, FREQ(B)= 89, FREQ(C)= 17, FREQ(D)= 60
PCT(A)= 74.0, PCT(B)= 13.9, PCT(C)= 2.7, FREQ(D)= 9.4

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	201	11.3	15333	1.0	1.7	31	8.7	8666	0.6	1.5	A	B	A

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 236 FRACTURES OF HIP & PELVIS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 2112, FREQ(A)= 785, FREQ(B)= 1154, FREQ(C)= 169, FREQ(D)= 4
PCT(A)= 37.2, PCT(B)= 54.6, PCT(C)= 8.0, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	146	6.8	4593	0.6	0.4	28	12.9	3155	0.8	0.4	C	B	B #
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	733	8.5	8805	0.7	1.0	99	9.7	7088	0.6	1.2	B	B	B *#

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 239 PATHOLOGICAL FRAC & MUSCULO & CONN TISS MALIG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4405, FREQ(A)= 475, FREQ(B)= 1903, FREQ(C)= 1991, FREQ(D)= 36
PCT(A)= 10.8, PCT(B)= 43.2, PCT(C)= 45.2, FREQ(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	140	5.8	6620	0.6	0.7	36	10.6	5815	0.9	0.9	C	B	C	
A076 OTHER RESP SYSTEM O.R. PROCEDURES	159	9.1	7319	1.7	1.4	66	7.0	1932	0.8	0.5	B	C	C	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	166	4.7	3381	0.4	0.3	25	7.3	2011	0.5	0.2	C	B	B	#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	364	7.7	6707	0.7	0.7	56	8.7	4140	0.6	0.7	B	B	B	*#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	11	17.8	19203	2.3	3.2						A		B	#
A214 BACK & NECK PROCEDURES	89	13.2	10958	1.4	1.4	12	12.8	7100	1.2	1.6	B	B	B	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE	63	8.1	4165	1.2	0.8	11	3.6	1012	0.4	0.3	B	C	B	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	6	35.5	25633	4.2	3.4	2	14.2	2471	1.5	0.5	A	A	B	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	86	7.7	4905	1.5	1.0	16	7.8	2680	1.1	0.8	B	B	B	#
A221 KNEE PROCEDURES	6	3.7	1795	1.2	0.6	1	41.5	15260	11.9	8.3	C	A	B	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	14	4.3	3185	1.1	0.8	4	24.8	9563	5.3	4.1	C	A	B	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													B	#
A225 FOOT PROCEDURES	6	0.9	-19	0.3	-0.0	4	7.2	1164	2.0	0.6	C	B	B	#
A226 SOFT TISSUE PROCEDURES	10	11.1	8448	3.6	2.7	2	21.4	4081	5.2	2.1	A	A	B	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	4	7.1	2849	2.5	0.9	2	1.5	806	0.4	0.4	B	C	B	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													B	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF	4	2.7	763	0.8	0.2	1	-1.9	-497	-0.5	-0.2	C	D	B	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	20	7.9	8059	2.8	2.7	8	25.3	8826	8.2	5.3	B	A	B	#
A232 ARTHROSCOPY	2	45.0	24909	22.3	10.1						A		B	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	23	7.0	4826	1.5	1.1	8	8.0	2599	1.3	0.9	C	B	B	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE	3	8.1	1253	0.4	0.1						B		B	#
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	103	4.9	3672	1.0	0.9	28	8.6	3421	1.2	1.0	C	B	C	
A259 SUBTOTAL MASTECTOMY FOR MALIGNANCY	86	11.8	9516	3.9	3.3	33	11.9	3762	2.5	1.6	A	B	C	
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	349	5.1	4044	1.1	1.1	83	6.2	2201	0.9	0.8	C	C	C	
A338 TESTES PROCEDURES, FOR MALIGNANCY	355	4.1	2299	1.5	0.8	77	6.8	2280	1.5	1.0	C	C	C	
MDC 17														

Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 239 PATHOLOGICAL FRAC & MUSCULO & CONN TISS MALIG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4405, FREQ(A)= 475, FREQ(B)= 1903, FREQ(C)= 1991, FREQ(D)= 36
PCT(A)= 10.8, PCT(B)= 43.2, PCT(C)= 45.2, FREQ(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A408 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER	94	11.4	8145	3.0	2.4	47	15.6	5799	3.3	2.6	A	A	C	*

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 243 MEDICAL BACK PROBLEMS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1370, FREQ(A)= 350, FREQ(B)= 479, FREQ(C)= 519, FREQ(D)= 22
PCT(A)= 25.5, PCT(B)= 35.0, PCT(C)= 37.9, FREQ(D)= 1.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 8														
A214 BACK & NECK PROCEDURES	303	5.8	6098	0.6	0.8	63	4.5	3501	0.4	0.8	C	C	C	*#

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Appendix 8
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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 249 AFTERCARE, MUSCULOSKELETAL SYSTEM & CONN TISS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 908, FREQ(A)= 168, FREQ(B)= 406, FREQ(C)= 324, FREQ(D)= 10
PCT(A)= 18.5, PCT(B)= 44.7, PCT(C)= 35.7, FREQ(D)= 1.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 8													
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	192	9.3	7820	0.8	0.7	30	15.7	4067	1.0	0.5	B	A	B

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 256B (B) OTHER MUSCULOSKE SYSTEM & CONN TISS DIAG ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 325, FREQ(A)= 55, FREQ(B)= 72, FREQ(C)= 177, FREQ(D)= 21
PCT(A)= 16.9, PCT(B)= 22.2, PCT(C)= 54.5, FREQ(D)= 6.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	1	9.0	20768	0.8	1.6						A		B	#
A002 CRANIOTOMY FOR TRAUMA	40	6.1	13225	0.6	1.0	12	17.9	23707	1.3	2.7	B	A	B	#
A004 SPINAL PROCEDURES	2	17.7	62462	1.6	6.3						A		B	#
A005 EXTRACRANIAL VASCULAR PROCEDURES	2	7.0	20752	1.3	3.2						A		B	#
A006 CARPAL TUNNEL RELEASE													B	#
A007 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC	14	7.6	16347	2.1	4.5	3	12.5	13588	2.8	6.1	A	A	B	#

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 271 SKIN ULCERS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 5522, FREQ(A)= 2232, FREQ(B)= 2579, FREQ(C)= 683, FREQ(D)= 28
PCT(A)= 40.4, PCT(B)= 46.7, PCT(C)= 12.4, FREQ(D)= 0.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A007 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC	128	49.7	37121	13.8	10.3	53	28.7	9120	6.5	4.1	A	A	A	
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	454	10.9	9755	1.2	0.8	113	10.8	4083	0.9	0.5	B	B	B	*#
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	119	11.3	11376	2.1	1.7	23	9.6	3258	1.2	0.7	B	B	B	#
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	311	11.1	9484	0.8	1.0	92	5.9	3403	0.3	0.5	B	C	B	#
A114 UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DIS	72	10.8	6003	1.6	1.1	23	17.9	5497	1.6	1.2	B	A	B	#
A119 VEIN LIGATION & STRIPPING	13	6.6	5537	2.2	1.9	2	13.6	4170	3.1	2.1	B	A	B	#
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	278	12.4	12218	1.3	1.8	99	8.2	3603	0.6	0.8	B	B	B	*#
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	194	10.9	7454	0.9	0.6	33	13.6	3764	0.9	0.5	B	B	A	*
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	303	16.2	13834	1.4	1.5	42	14.6	6427	0.9	1.1	A	A	A	
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	177	22.0	13750	2.6	1.8	51	17.0	4830	1.7	1.0	A	A	A	
MDC 9														
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	151	8.9	7802	0.6	0.8	57	8.6	3412	0.5	0.6	B	B	B	*#
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	59	11.3	7402	2.5	1.8	12	12.7	4944	2.1	1.8	B	B	B	#
MDC 10														
A285 AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& ME	105	6.2	6486	0.4	0.7	52	6.6	3195	0.3	0.4	C	C	B	*#
A287 SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT &	329	6.2	4751	0.5	0.5	164	9.4	3718	0.8	0.9	C	B	B	#
MDC 11														
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	121	22.9	22347	3.5	3.1	42	23.9	7210	2.9	1.5	A	A	A	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	314	21.5	23672	2.0	2.7	74	24.4	8666	2.0	1.8	A	A	A	

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CADRG 271 SKIN ULCERS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 5522, FREQ(A)= 2232, FREQ(B)= 2579, FREQ(C)= 683, FREQ(D)= 28
PCT(A)= 40.4, PCT(B)= 46.7, PCT(C)= 12.4, FREQ(D)= 0.5

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD

NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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Appendix 8
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CADRG 274 MALIGNANT BREAST DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 612, FREQ(A)= 80, FREQ(B)= 270, FREQ(C)= 231, FREQ(D)= 31
PCT(A)= 13.1, PCT(B)= 44.1, PCT(C)= 37.7, FREQ(D)= 5.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	85	1.6	1237	0.3	0.3	15	1.9	1031	0.3	0.3	C	C	C	#
A259 SUBTOTAL MASTECTOMY FOR MALIGNANCY	22	5.3	5411	1.7	1.9	6	-0.4	-191	-0.1	-0.1	B	D	C	#
A261 BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY &													C	#
A262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNAN													C	#
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	1	6.6	3922	0.5	0.4						C		C	#
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	18	2.6	2117	0.6	0.5	4	27.2	7699	4.5	2.7	C	A	C	#
A267 PERIANAL & PILONIDAL PROCEDURES													C	#
A268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROC	1	-1.3	-767	-0.6	-0.3						D		C	#
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	16	2.7	2520	0.8	0.8	5	28.4	7371	6.1	3.3	C	A	C	#

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CADRG 276 NON-MALIGANT BREAST DISORDERS ; ASSIGNMENT SYSTEMWIDE D
FREQ(TOTAL)= 298, FREQ(A)= 17, FREQ(B)= 8, FREQ(C)= 129, FREQ(D)= 144
PCT(A)= 5.7, PCT(B)= 2.7, PCT(C)= 43.3, FREQ(D)= 48.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 14														
A370 CESAREAN SECTION	8	13.2	7084	3.1	2.2						A		C	#
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	2	0.4	649	0.2	0.3						C		C	#
A375 VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR													C	#
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO													C	#
A381 ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTERO	1	-0.3	311	-0.2	0.2	1	-0.5	-77	-0.3	-0.1	C	D	C	#

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CADRG 277 CELLULITIS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3647, FREQ(A)= 1054, FREQ(B)= 1965, FREQ(C)= 574, FREQ(D)= 54
PCT(A)= 28.9, PCT(B)= 53.9, PCT(C)= 15.7, FREQ(D)= 1.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	94	16.3	13397	1.8	1.1	28	23.2	8042	1.9	1.0	A	A	B	*
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	158	8.7	7250	0.6	0.7	38	16.0	9231	0.8	1.2	B	A	B	
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	133	9.0	8300	0.9	1.2	42	12.1	4584	0.9	1.0	B	B	B	
MDC 9														
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	356	8.3	7908	0.6	0.8	62	5.3	1991	0.3	0.4	B	C	B	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	122	8.4	6070	2.5	1.9	39	13.1	6635	2.8	3.0	B	A	B	
MDC 10														
A287 SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT &	86	6.9	6021	0.6	0.6	31	9.6	3906	0.8	1.0	C	B	B	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	195	8.5	10809	0.8	1.2	31	6.9	3598	0.6	0.7	B	C	B	

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CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 16233, FREQ(A)= 793, FREQ(B)= 5551, FREQ(C)= 8942, FREQ(D)= 947
PCT(A)= 4.9, PCT(B)= 34.2, PCT(C)= 55.1, FREQ(D)= 5.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A005 EXTRACRANIAL VASCULAR PROCEDURES	287	4.2	5291	0.8	0.8	66	3.1	1279	0.4	0.3	C	C	C	
A006 CARPAL TUNNEL RELEASE	74	1.0	849	0.6	0.5	41	0.5	196	0.2	0.2	C	C	C	
A007 PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC	83	14.0	10520	3.9	2.9	26	7.1	1704	1.6	0.8	A	B	C	
MDC 2														
A036 RETINAL PROCEDURES	80	0.7	1183	0.2	0.3	31	1.1	1232	0.2	0.5	C	C	C	
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	766	0.3	286	0.2	0.1	369	0.7	325	0.3	0.2	D	C	D	#
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	72	0.9	978	0.3	0.3	38	1.3	597	0.3	0.2	C	C	C	
MDC 3														
A055 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	43	2.4	2560	1.5	1.2	37	2.3	885	1.0	0.6	C	C	C	
MDC 4														
A075 MAJOR CHEST PROCEDURES	123	6.4	10984	0.7	1.1	42	6.0	3333	0.5	0.5	B	C	C	
MDC 5														
A107 CORONARY BYPASS W/O CARDIAC CATH	271	2.8	6801	0.3	0.4	56	5.0	3485	0.5	0.3	C	C	C	
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	487	6.9	7925	0.7	0.7	193	5.6	1883	0.5	0.2	B	C	C	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	255	6.0	7122	1.1	1.1	70	6.5	3051	0.8	0.6	C	C	C	
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	213	9.8	8917	0.7	0.9	104	5.0	3268	0.2	0.4	B	C	C	
A114 UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DIS	93	7.6	5530	1.1	1.0	36	10.9	5068	0.9	1.2	B	B	C	*
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	203	3.0	3715	0.6	0.3	49	5.2	1945	0.6	0.2	C	C	C	
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	168	6.4	11884	0.7	1.8	72	7.6	2423	0.6	0.5	B	B	C	*
MDC 6														
A146 RECTAL RESECTION	66	10.9	14134	1.0	1.3	31	4.9	3327	0.4	0.5	B	C	C	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	354	7.1	12709	0.7	1.4	111	8.2	3999	0.6	0.6	B	B	C	*
A150 PERITONEAL ADHESIOLYSIS	69	5.8	10704	0.7	1.6	34	3.3	2002	0.3	0.5	B	C	C	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	278	5.9	9271	0.7	1.3	97	3.4	2286	0.4	0.5	B	C	C	
A157 ANAL & STOMAL PROCEDURES	171	3.4	2788	1.0	1.2	84	2.0	803	0.5	0.5	C	C	C	
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	120	2.3	2327	0.7	0.8	47	2.3	1023	0.5	0.5	C	C	C	

Appendix 8
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CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 16233, FREQ(A)= 793, FREQ(B)= 5551, FREQ(C)= 8942, FREQ(D)= 947
PCT(A)= 4.9, PCT(B)= 34.2, PCT(C)= 55.1, FREQ(D)= 5.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	125	1.7	1587	0.7	0.7	61	2.6	1024	0.7	0.6	C	C	C	
A168 MOUTH PROCEDURES	51	3.2	1847	1.0	0.5	31	0.9	89	0.2	0.0	C	C	C	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	448	4.2	5511	0.7	1.1	156	4.3	2084	0.6	0.7	C	C	C	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	307	2.4	2259	0.2	0.2	56	6.4	2340	0.4	0.3	C	C	C	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	388	3.0	4077	0.3	0.5	96	4.9	2150	0.3	0.4	C	C	C	
A214 BACK & NECK PROCEDURES	146	6.8	6453	0.7	0.8	36	0.9	316	0.1	0.1	C	D	C	
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	136	18.6	11812	2.2	1.6	54	13.8	3536	1.4	0.7	A	B	C	
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	138	3.6	2710	0.7	0.5	31	7.0	2337	1.0	0.7	C	C	C	
A225 FOOT PROCEDURES	154	6.4	4151	2.1	1.3	60	7.4	2673	2.1	1.4	B	B	C	*
A226 SOFT TISSUE PROCEDURES	48	3.6	3606	1.2	1.2	31	10.0	2438	2.4	1.2	C	B	C	
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	80	5.0	3882	1.8	1.3	32	5.4	1776	1.8	1.1	B	B	C	*
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	106	1.7	1606	0.3	0.4	31	4.1	1828	0.5	0.6	C	C	C	
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	331	7.2	7191	0.5	0.7	156	7.8	3963	0.5	0.7	B	B	C	*
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	106	5.6	4000	1.2	1.0	29	4.1	1700	0.7	0.6	C	C	C	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	199	7.6	5933	2.2	1.9	106	7.4	2834	1.6	1.3	B	B	C	*
MDC 11														
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	136	8.0	8969	1.2	1.5	39	6.5	3625	0.7	0.9	B	C	C	
A310 TRANSURETHRAL PROCEDURES	131	3.4	2135	1.1	0.8	35	5.7	2252	1.3	1.2	C	C	C	
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	164	12.1	14035	1.8	1.9	37	10.6	5899	1.3	1.3	B	B	C	*
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	348	1.9	1670	0.4	0.5	93	1.7	1052	0.2	0.4	C	C	C	
A341 PENIS PROCEDURES	163	0.4	969	0.1	0.2	68	0.8	835	0.1	0.2	C	C	C	
MDC 13														
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	220	1.7	2027	0.3	0.5	74	2.6	997	0.4	0.4	C	C	C	
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	99	2.2	2017	1.4	1.2	51	0.7	145	0.4	0.1	C	C	C	

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 294 DIABETES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 16233, FREQ(A)= 793, FREQ(B)= 5551, FREQ(C)= 8942, FREQ(D)= 947
PCT(A)= 4.9, PCT(B)= 34.2, PCT(C)= 55.1, FREQ(D)= 5.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	212	10.6	14306	1.0	1.6	52	13.2	5827	1.1	1.2	B	B	C	*
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	282	3.6	4692	0.7	0.9	61	7.3	2925	1.1	0.8	C	B	C	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296 NUTRITIONAL & MISC METABOLIC DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 12445, FREQ(A)= 3436, FREQ(B)= 5227, FREQ(C)= 3766, FREQ(D)= 16
PCT(A)= 27.6, PCT(B)= 42.0, PCT(C)= 30.3, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	162	1.1	1235	0.6	0.4	49	1.5	816	0.7	0.4	C	C	B	*
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	907	12.1	17313	1.2	1.9	76	13.3	6961	1.0	1.1	A	B	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	589	10.6	14072	1.3	1.9	89	11.3	6083	1.2	1.4	B	B	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	362	6.2	8220	1.1	1.7	41	7.0	4076	0.9	1.3	B	C	B	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	666	3.7	3690	0.3	0.3	38	4.0	1465	0.3	0.2	C	C	B	*
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	675	4.2	5213	0.4	0.6	58	3.4	1969	0.2	0.3	C	C	B	*
MDC 11														
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	311	11.8	15051	1.8	2.1	27	9.9	5275	1.2	1.1	A	B	B	

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 296A HYPOVOLEMIA ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 4814, FREQ(A)= 1156, FREQ(B)= 2196, FREQ(C)= 1440, FREQ(D)= 22
PCT(A)= 24.0, PCT(B)= 45.6, PCT(C)= 29.9, FREQ(D)= 0.5

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	491	10.2	13742	1.0	1.5	27	13.5	7291	1.0	1.1	B	B	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	462	5.5	7407	0.7	1.0	80	2.1	536	0.2	0.1	C	C	B	*

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 316 RENAL FAILURE ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 2573, FREQ(A)= 2448, FREQ(B)= 54, FREQ(C)= 65, FREQ(D)= 6
PCT(A)= 95.1, PCT(B)= 2.1, PCT(C)= 2.5, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	163	14.2	39520	1.5	3.3	30	17.7	17969	1.5	2.3	A	A	A

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 316A CHRONIC RENAL FAILURE ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 7991, FREQ(A)= 1524, FREQ(B)= 2438, FREQ(C)= 3999, FREQ(D)= 30
PCT(A)= 19.1, PCT(B)= 30.5, PCT(C)= 50.0, FREQ(D)= 0.4

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	100	0.4	633	0.2	0.2	43	1.8	848	0.8	0.4	C	C	B	*
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	149	11.0	19491	1.2	1.6	29	6.1	7432	0.5	0.9	A	B	B	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	657	3.0	4130	0.5	0.6	73	2.1	1458	0.3	0.3	C	C	C	*#
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	464	1.6	7934	0.2	1.2	76	-0.1	2169	-0.0	0.5	B	C	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	123	11.0	23669	1.1	2.6	26	18.8	12866	1.4	2.0	A	A	B	*
MDC 11														
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	521	6.8	8276	1.0	1.1	71	8.2	4511	1.0	1.0	B	B	B	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	177	10.6	19298	1.0	2.2	33	10.0	12571	0.8	2.6	A	A	B	*
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	2346	1.4	3266	0.3	0.6	227	2.8	2388	0.4	0.6	C	C	C	*#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 318 KIDNEY & URINARY TRACT NEOPLASMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 994, FREQ(A)= 113, FREQ(B)= 285, FREQ(C)= 550, FREQ(D)= 46
PCT(A)= 11.4, PCT(B)= 28.7, PCT(C)= 55.3, FREQ(D)= 4.6

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	111	8.6	9917	0.9	1.1	29	6.5	3942	0.5	0.6	B	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 25379, FREQ(A)= 6848, FREQ(B)= 5164, FREQ(C)=13321, FREQ(D)= 46
PCT(A)= 27.0, PCT(B)= 20.3, PCT(C)= 52.5, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	636	19.2	16797	1.6	1.3	91	20.6	10419	1.3	1.1	A	A	B	*
A004 SPINAL PROCEDURES	143	36.3	28526	3.2	2.9	27	26.0	19911	2.4	3.5	A	A	B	*
MDC 2														
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	176	1.0	786	0.6	0.3	74	2.4	788	1.0	0.4	C	C	B	*
MDC 5														
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	299	13.2	14252	1.4	1.2	46	10.9	4576	0.9	0.6	B	B	B	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	206	16.3	15062	3.0	2.3	35	14.8	7398	1.8	1.5	A	A	B	*
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	256	12.6	9225	0.9	0.9	65	9.9	4699	0.5	0.6	B	B	B	
A116 PERM CARDIAC PACEMAKER IMPL W/O AMI, HEART FAIL	250	7.0	6731	1.3	0.6	28	4.0	1871	0.4	0.2	C	C	B	*
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	140	16.8	24172	1.7	3.6	36	14.6	9163	1.1	2.0	A	A	B	*
MDC 6														
A146 RECTAL RESECTION	163	11.3	14620	1.0	1.4	31	11.3	4936	0.8	0.7	B	B	B	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	916	12.7	15031	1.3	1.7	153	11.3	5857	0.9	0.9	A	B	B	
A150 PERITONEAL ADHESIOLYSIS	208	9.8	10918	1.2	1.6	45	6.6	3273	0.7	0.8	B	C	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	548	9.2	10182	1.2	1.4	123	7.2	4021	0.8	0.9	B	B	B	
A157 ANAL & STOMAL PROCEDURES	223	5.5	3851	1.7	1.6	83	5.6	2248	1.3	1.4	B	C	B	
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	107	5.5	4829	1.7	1.7	30	3.8	1781	0.8	0.9	B	C	B	
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	165	3.8	2845	1.6	1.3	48	6.6	2517	1.8	1.6	B	B	B	
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	136	11.7	10494	2.0	2.0	27	13.5	7480	1.6	2.0	B	B	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	479	6.0	6784	1.0	1.4	139	4.2	1946	0.6	0.6	C	C	B	*
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	1276	5.7	3760	0.5	0.3	190	5.7	1834	0.4	0.2	C	C	B	*
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	1591	6.5	5350	0.6	0.6	308	6.9	2780	0.4	0.5	C	C	B	*
A214 BACK & NECK PROCEDURES	388	10.5	7891	1.1	1.0	75	8.8	5214	0.8	1.2	B	B	B	
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	180	13.2	10510	2.5	2.1	31	12.7	5867	1.8	1.8	B	B	B	

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 25379, FREQ(A)= 6848, FREQ(B)= 5164, FREQ(C)=13321, FREQ(D)= 46
PCT(A)= 27.0, PCT(B)= 20.3, PCT(C)= 52.5, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	116	4.1	2640	0.8	0.6	31	6.4	2434	0.9	0.7	C	C	B	*
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	716	20.9	15167	1.5	1.5	141	22.8	9978	1.3	1.8	A	A	B	*
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	110	29.7	25696	8.7	8.2	39	17.4	6835	3.8	3.1	A	A	B	*
MDC 11														
A302 KIDNEY TRANSPLANT	108	5.8	5854	0.3	0.2	6	18.9	15472	1.2	0.5	C	A	C	#
A303 KIDNEY,URETER & MAJOR BLADDER PROCEDURES FOR NE	146	10.6	13507	1.1	1.3	34	6.8	5195	0.5	0.7	B	B	C	#
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	1019	7.0	7289	1.1	1.2	192	7.8	3657	0.9	0.9	C	B	C	#
A306 PROSTATECTOMY	249	3.6	3973	0.7	0.9	36	3.3	1533	0.3	0.4	C	C	C	*#
A308 MINOR BLADDER PROCEDURES	364	5.2	4581	1.1	1.1	89	4.0	1922	0.6	0.7	C	C	C	*#
A310 TRANSURETHRAL PROCEDURES	788	2.8	2117	0.9	0.8	155	4.3	1614	1.0	0.9	C	C	C	*#
A312 URETHRAL PROCEDURES	239	2.6	2075	0.9	0.8	49	3.3	1261	0.8	0.7	C	C	C	*#
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	269	14.4	15813	2.2	2.2	31	11.0	5392	1.3	1.1	A	B	C	#
MDC 12														
A334 MAJOR MALE PELVIC PROCEDURES	152	3.9	3319	0.4	0.4	23	6.0	2756	0.6	0.6	C	C	C	#
A336 TRANSURETHRAL PROSTATECTOMY	1322	3.1	2666	0.7	0.8	285	4.1	1541	0.6	0.6	C	C	C	*#
A338 TESTES PROCEDURES, FOR MALIGNANCY	26	8.1	6156	2.9	2.2	6	21.4	8704	4.6	3.8	B	A	C	#
A339 TESTES PROCEDURES, NON-MALIGNANCY	45	5.0	4404	2.5	2.1	11	1.8	1085	0.7	0.8	B	C	C	#
A341 PENIS PROCEDURES	136	3.2	1453	0.9	0.3	19	6.7	1255	1.2	0.3	C	C	C	#
A342 CIRCUMCISION	10	4.5	5631	2.7	3.2	4	1.7	310	0.9	0.3	A	C	C	#
A344 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	30	3.6	4075	0.7	0.8	9	6.4	1687	0.9	0.5	C	C	C	#
A345 OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT	47	3.1	2581	1.1	1.0	9	3.5	1812	0.8	1.0	C	C	C	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	28	8.5	5541	0.8	0.5	13	6.9	4877	0.5	0.7	B	B	C	#
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	146	4.1	4660	0.7	1.0	30	3.2	2013	0.4	0.6	C	C	C	*#
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	297	1.8	1144	0.3	0.3	59	1.5	623	0.2	0.2	C	C	C	*#
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	61	9.1	10030	1.3	1.6	13	13.8	10327	1.6	2.6	B	A	C	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	1158	2.0	1665	0.4	0.4	360	1.7	847	0.3	0.3	C	C	C	*#
A360 VAGINA, CERVIX & VULVA PROCEDURES	66	20.6	10956	8.7	4.9	18	3.2	1707	1.2	1.3	A	C	C	#
A361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	84	2.4	1764	1.2	0.8	11	2.9	1296	1.3	1.0	C	C	C	#
A362 ENDOSCOPIC TUBAL INTERRUPTION	1	3.8	2674	3.2	2.0	1	-0.6	-52	-0.4	-0.1	A	D	C	#
A363 D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	39	6.2	4563	2.6	2.0	13	9.8	3213	3.2	2.0	B	A	C	#

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CADRG 320 KIDNEY & URINARY TRACT INFECTIONS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 25379, FREQ(A)= 6848, FREQ(B)= 5164, FREQ(C)=13321, FREQ(D)= 46
PCT(A)= 27.0, PCT(B)= 20.3, PCT(C)= 52.5, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	70	3.0	2263	1.9	1.4	12	0.7	252	0.4	0.2	B	C	C	#
A365 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURE	63	11.5	8101	2.3	2.0	25	4.4	2313	0.7	0.8	B	C	C	#
MDC 14														
A370 CESAREAN SECTION	323	1.3	1301	0.3	0.4	18	0.6	184	0.1	0.1	C	D	C	#
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	25	1.7	1120	0.7	0.5						C		C	#
A375 VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR	1	-0.4	-262	-0.1	-0.1						D		C	#
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO	10	2.4	2037	1.0	0.8	3	6.5	3974	2.6	2.6	C	B	C	#
A381 ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTERO	56	1.5	1342	1.2	1.0	11	2.7	1324	1.8	1.4	C	B	C	#
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	566	13.4	16507	1.2	1.9	87	20.6	9453	1.7	2.0	A	A	B	*
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	250	16.1	16848	3.2	3.2	39	21.7	10851	3.2	2.9	A	A	B	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRC 324 URINARY STONES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 3569, FREQ(A)= 232, FREQ(B)= 505, FREQ(C)= 2793, FREQ(D)= 39
PCT(A)= 6.5, PCT(B)= 14.1, PCT(C)= 78.3, FREQ(D)= 1.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 11													
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	1216	3.3	3502	0.5	0.6	203	4.8	1887	0.5	0.5	C	C	C
A310 TRANSURETHRAL PROCEDURES	387	1.9	1784	0.6	0.7	123	1.8	632	0.4	0.3	C	C	C
MDC 12													
A336 TRANSURETHRAL PROSTATECTOMY	263	2.9	2658	0.6	0.7	42	7.9	3007	1.2	1.1	C	B	C

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 13870, FREQ(A)= 378, FREQ(B)= 1491, FREQ(C)=11901, FREQ(D)= 100
PCT(A)= 2.7, PCT(B)= 10.7, PCT(C)= 85.8, FREQ(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 2													
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	75	1.4	1345	0.8	0.5	26	1.8	362	0.8	0.2	C	C	C
MDC 6													
A157 ANAL & STOMAL PROCEDURES	305	2.9	1617	0.9	0.7	56	4.2	1292	1.0	0.8	C	C	C
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	338	2.5	1768	1.0	0.8	43	4.6	1778	1.3	1.1	C	C	C
MDC 7													
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	209	3.0	2952	0.5	0.6	42	3.8	1393	0.5	0.5	C	C	C
MDC 8													
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	245	4.6	4931	0.4	0.4	29	6.9	2465	0.4	0.3	C	C	C
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	280	5.4	5657	0.5	0.6	35	3.8	3014	0.2	0.5	C	C	C
MDC 11													
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	261	3.6	4191	0.5	0.7	36	4.5	1849	0.5	0.5	C	C	C
A306 PROSTATECTOMY	402	2.8	2756	0.5	0.6	63	3.7	1576	0.4	0.4	C	C	C
A308 MINOR BLADDER PROCEDURES	306	2.2	1657	0.5	0.4	47	2.5	1148	0.4	0.4	C	C	C
A310 TRANSURETHRAL PROCEDURES	893	2.3	1859	0.7	0.7	125	3.8	1272	0.8	0.7	C	C	C
MDC 12													
A334 MAJOR MALE PELVIC PROCEDURES	596	1.2	522	0.1	0.1	65	4.1	868	0.4	0.2	C	C	C
A336 TRANSURETHRAL PROSTATECTOMY	4346	1.6	1522	0.3	0.4	460	3.2	1251	0.5	0.5	C	C	C
A341 PENIS PROCEDURES	240	3.2	1285	0.8	0.3	28	3.0	19	0.6	0.0	C	C	C
MDC 13													
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	147	2.0	1225	0.4	0.3	27	3.5	1007	0.5	0.4	C	C	C
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	281	2.6	2173	0.5	0.5	38	4.8	2473	0.8	0.9	C	C	C

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Appendix 8

CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL

SURGICAL MODEL

(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 13870, FREQ(A)= 378, FREQ(B)= 1491, FREQ(C)=11901, FREQ(D)= 100
PCT(A)= 2.7, PCT(B)= 10.7, PCT(C)= 85.8, FREQ(D)= 0.7

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD

AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 331A (A) OTHER KIDNEY & URINARY TRACT DIAGNOSES ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 1041, FREQ(A)= 500, FREQ(B)= 397, FREQ(C)= 133, FREQ(D)= 11
PCT(A)= 48.0, PCT(B)= 38.1, PCT(C)= 12.8, FREQ(D)= 1.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	201	9.4	13863	0.9	1.5	33	6.3	7091	0.5	1.1	B	B	B

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 331B (B) OTHER KIDNEY & URINARY TRACT DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 12188, FREQ(A)= 1748, FREQ(B)= 2119, FREQ(C)= 8221, FREQ(D)= 100
PCT(A)= 14.3, PCT(B)= 17.4, PCT(C)= 67.5, FREQ(D)= 0.8

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	264	10.7	19056	1.0	2.1	29	12.1	10837	0.9	1.7	A	A	C	*
A157 ANAL & STOMAL PROCEDURES	168	3.3	1882	1.0	0.8	30	3.1	887	0.7	0.5	C	C	C	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	150	4.3	5673	0.7	1.2	27	6.8	4041	0.9	1.3	C	C	C	
MDC 11														
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	298	8.9	10228	1.4	1.7	56	9.3	4633	1.0	1.1	B	B	C	*
A306 PROSTATECTOMY	281	3.5	3849	0.6	0.9	29	2.4	800	0.3	0.2	C	C	C	
A308 MINOR BLADDER PROCEDURES	190	3.5	2972	0.7	0.7	26	6.5	2783	1.0	1.1	C	C	C	
A310 TRANSURETHRAL PROCEDURES	306	3.3	2413	1.0	0.9	38	3.3	1232	0.7	0.6	C	C	C	
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	418	6.5	7077	1.0	1.0	38	4.7	2272	0.6	0.5	C	C	C	
MDC 12														
A334 MAJOR MALE PELVIC PROCEDURES	229	2.6	2508	0.3	0.3	32	5.6	3255	0.5	0.7	C	C	C	
A336 TRANSURETHRAL PROSTATECTOMY	2910	1.0	957	0.2	0.3	282	2.6	969	0.4	0.4	C	C	C	
MDC 13														
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	115	3.4	2195	0.6	0.6	31	2.9	971	0.4	0.4	C	C	C	
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	261	2.4	2142	0.5	0.5	98	2.2	1020	0.3	0.4	C	C	C	
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	579	3.5	6688	0.7	1.3	50	7.4	5723	1.1	1.5	C	B	C	

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 350 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1398, FREQ(A)= 37, FREQ(B)= 115, FREQ(C)= 1137, FREQ(D)= 109
PCT(A)= 2.6, PCT(B)= 8.2, PCT(C)= 81.3, FREQ(D)= 7.8

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 12													
A336 TRANSURETHRAL PROSTATECTOMY	619	1.0	1070	0.2	0.3	103	0.9	532	0.1	0.2	C	C	C

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1000, FREQ(A)= 25, FREQ(B)= 230, FREQ(C)= 736, FREQ(D)= 9
PCT(A)= 2.5, PCT(B)= 23.0, PCT(C)= 73.6, FREQ(D)= 0.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 13													
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	182	3.7	5467	0.6	1.2	36	3.1	1867	0.4	0.6	C	C	C
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	201	4.4	5859	0.6	0.9	32	6.8	2920	0.8	0.7	C	C	C

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 368 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 1084, FREQ(A)= 118, FREQ(B)= 86, FREQ(C)= 859, FREQ(D)= 21
PCT(A)= 10.9, PCT(B)= 7.9, PCT(C)= 79.2, FREQ(D)= 1.9

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 13													
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	451	1.5	2187	0.3	0.5	82	2.0	1301	0.3	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 369A (A) MENSTRUAL & OTH FEMALE REPRODU SYS DISORD ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 151, FREQ(A)= 42, FREQ(B)= 54, FREQ(C)= 41, FREQ(D)= 14
PCT(A)= 27.8, PCT(B)= 35.8, PCT(C)= 27.2, FREQ(D)= 9.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A146 RECTAL RESECTION	3	11.5	15137	1.0	1.4						A		B #
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	15	12.2	12261	1.2	1.3	3	12.0	5243	0.9	0.8	B	B	B #
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	3	22.8	25869	2.9	3.5						A		B #
A170 OTHER DIGESTIVE SYSTEM O.R. PROCEDURES	1	21.2	25642	3.7	4.8						A		B #
MDC 11													
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	10	7.8	8096	1.2	1.4	1	10.0	4947	1.1	1.2	B	B	B #

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CADRG 372 DELIVERY W COMPLICATION I ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 7445, FREQ(A)= 13, FREQ(B)= 9, FREQ(C)= 7420, FREQ(D)= 3
PCT(A)= 0.2, PCT(B)= 0.1, PCT(C)= 99.7, FREQ(D)= 0.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A370 CESAREAN SECTION	5899	1.6	1814	0.4	0.6	1230	1.8	1205	0.3	0.5	C	C	C
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	234	1.4	1385	0.5	0.6	43	1.9	984	0.6	0.5	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

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SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 373 DELIVERY W COMPLICATION II ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 5089, FREQ(A)= 2, FREQ(B)= 1, FREQ(C)= 5086, FREQ(D)= 0
PCT(A)= 0.0, PCT(B)= 0.0, PCT(C)= 99.9, FREQ(D)= 0.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A370 CESAREAN SECTION	3978	1.4	1454	0.3	0.4	647	1.2	885	0.2	0.4	C	C	C
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	349	0.9	863	0.4	0.4	52	1.3	751	0.4	0.4	C	C	C

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 376 POSTPARTUM & POST ABORTION DIAGNOSES ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 726, FREQ(A)= 5, FREQ(B)= 109, FREQ(C)= 595, FREQ(D)= 17
PCT(A)= 0.7, PCT(B)= 15.0, PCT(C)= 82.0, FREQ(D)= 2.3

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 14													
A370 CESAREAN SECTION	282	1.8	2928	0.4	0.9	34	3.0	1262	0.6	0.5	C	C	C
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO	188	1.2	2005	0.5	0.8	35	1.5	1170	0.6	0.8	C	C	C

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 395 RED BLOOD CELL DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 14610, FREQ(A)= 1475, FREQ(B)= 3697, FREQ(C)= 9401, FREQ(D)= 37
PCT(A)= 10.1, PCT(B)= 25.3, PCT(C)= 64.3, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	817	7.1	10421	0.7	1.2	107	6.7	4843	0.5	0.8	B	B	B	
A152 MINOR SMALL & LARGE BOWEL PROCEDURES	170	1.6	2641	0.2	0.5	29	3.7	1552	0.5	0.5	C	C	B	*
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	1426	4.4	6723	0.6	0.9	210	3.3	2767	0.4	0.7	C	C	C	*#
A157 ANAL & STOMAL PROCEDURES	265	4.3	3614	1.3	1.5	69	5.9	2695	1.4	1.6	C	B	B	
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	112	7.2	10161	1.2	2.1	27	3.6	2932	0.5	1.0	B	C	B	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	797	2.6	2754	0.2	0.2	51	4.4	1763	0.3	0.2	C	C	C	*#
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	709	3.5	4196	0.3	0.5	98	4.4	2556	0.3	0.4	C	C	C	*#
A213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONN TI	17	14.4	15760	1.9	2.6	2	8.8	2330	0.9	0.6	A	B	C	#
A214 BACK & NECK PROCEDURES	104	5.1	7080	0.5	0.9	6	11.6	4013	1.1	0.9	C	B	C	#
A216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE	11	18.0	10937	2.7	2.1	4	15.7	8269	1.8	2.4	A	A	C	#
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	49	21.4	19551	2.6	2.6	11	20.3	8307	2.1	1.7	A	A	C	#
A218 LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR	75	6.8	5680	1.3	1.1	8	20.1	7993	2.8	2.4	C	A	C	#
A221 KNEE PROCEDURES	11	8.2	6906	2.7	2.2	4	5.0	1453	1.4	0.8	B	C	C	#
A223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTRE	25	10.4	9502	2.7	2.4	3	13.0	5101	2.8	2.2	B	B	C	#
A224 SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT													C	#
A225 FOOT PROCEDURES	12	9.3	7271	3.0	2.4	5	0.3	247	0.1	0.1	A	D	C	#
A226 SOFT TISSUE PROCEDURES	25	9.8	17724	3.2	5.7	4	18.1	7385	4.4	3.7	A	A	C	#
A228 MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST	13	3.5	2962	1.2	0.9	1	5.0	2114	1.2	1.0	C	C	C	#
A229 HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC													C	#
A230 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES OF	7	6.3	3334	1.9	1.1						B		C	#
A231 LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXC	11	17.0	15252	6.0	5.2	2	12.9	3935	4.2	2.4	A	A	C	#
A232 ARTHROSCOPY	2	22.0	20706	10.9	8.4						A		C	#
A233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC	27	13.6	11551	2.9	2.7	4	3.8	1109	0.6	0.4	B	C	C	#
A471 BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWE	13	8.7	6225	0.4	0.3	1	42.3	6568	1.6	0.4	B	A	C	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	18	4.2	7229	0.4	0.7	1	1.9	914	0.1	0.1	C	C	C	#
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	73	3.4	4944	0.6	1.1	7	7.4	3753	1.0	1.2	C	B	C	#
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	49	2.4	1925	0.4	0.5	3	0.7	594	0.1	0.2	C	C	C	#

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 395 RED BLOOD CELL DISORDERS ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 14610, FREQ(A)= 1475, FREQ(B)= 3697, FREQ(C)= 9401, FREQ(D)= 37
PCT(A)= 10.1, PCT(B)= 25.3, PCT(C)= 64.3, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	41	4.4	6068	0.6	1.0	7	7.0	6780	0.8	1.7	C	B	C	#
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	1909	0.9	1183	0.2	0.3	274	1.3	927	0.2	0.3	C	C	C	*#
A360 VAGINA, CERVIX & VULVA PROCEDURES	54	2.4	2179	1.0	1.0	11	0.3	591	0.1	0.4	C	C	C	#
A361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	31	3.1	3739	1.5	1.7	7	1.2	1031	0.6	0.8	B	C	C	#
A362 ENDOSCOPIC TUBAL INTERRUPTION	1	1.8	2507	1.5	1.8	2	0.9	234	0.6	0.2	B	C	C	#
A363 D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	37	3.0	2711	1.3	1.2	7	5.0	2337	1.6	1.4	C	B	C	#
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	522	0.2	395	0.1	0.2	118	0.7	630	0.4	0.6	C	C	C	*#
A365 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURE	18	10.9	13784	2.2	3.3	3	1.4	978	0.2	0.3	A	C	C	#
MDC 14														
A370 CESAREAN SECTION	739	1.2	1662	0.3	0.5	25	1.2	824	0.2	0.3	C	C	C	#
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	104	0.4	713	0.2	0.3	8	0.8	1000	0.3	0.6	C	C	C	#
A375 VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR	5	1.0	2098	0.3	0.8	1	-2.0	-1033	-0.4	-0.4	C	D	C	#
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO	108	0.2	883	0.1	0.4	8	0.4	924	0.1	0.6	C	C	C	#
A381 ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTERO	376	0.6	967	0.5	0.7	56	0.4	407	0.3	0.4	C	C	C	*#
MDC 17														
A400 LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE	113	16.7	26574	2.1	3.5	35	34.2	45407	2.9	8.0	A	A	B	*

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 403 LYMPHOMA & NON-ACUTE LEUKEMIA ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 11810, FREQ(A)= 266, FREQ(B)= 2390, FREQ(C)= 6839, FREQ(D)= 2315
PCT(A)= 2.3, PCT(B)= 20.2, PCT(C)= 57.9, FREQ(D)= 19.6

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 3														
A049 MAJOR HEAD & NECK PROCEDURES	182	5.4	8138	0.5	0.7	48	13.5	6936	1.1	0.9	B	B	C	*
MDC 4														
A075 MAJOR CHEST PROCEDURES	726	4.1	6828	0.5	0.7	144	5.1	5156	0.4	0.8	C	B	C	
A076 OTHER RESP SYSTEM O.R. PROCEDURES	440	3.7	3261	0.7	0.6	159	4.5	1472	0.5	0.3	C	C	C	
MDC 6														
A146 RECTAL RESECTION	508	3.0	3471	0.3	0.3	67	3.2	1900	0.2	0.3	C	C	C	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1655	3.8	4809	0.4	0.5	299	2.8	1569	0.2	0.2	C	C	C	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	479	8.9	14682	1.1	2.0	96	12.1	8677	1.3	2.0	B	B	C	*
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	2241	0.9	620	0.2	0.1	434	1.1	358	0.1	0.1	D	C	C	
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	117	5.1	4437	1.1	1.1	26	9.7	3973	1.6	1.4	C	B	C	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	156	4.0	3454	1.2	1.1	27	8.1	3507	1.8	1.6	C	B	C	
MDC 11														
A303 KIDNEY,URETER & MAJOR BLADDER PROCEDURES FOR NE	144	4.9	7074	0.5	0.7	27	7.0	5479	0.5	0.8	C	B	C	
MDC 17														
A408 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER	113	4.4	3828	1.2	1.1	37	5.5	3460	1.2	1.6	C	B	C	
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	86	10.3	13616	0.9	1.5	12	18.5	11707	1.5	2.4	B	A	B	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 413 OTH MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 3241, FREQ(A)= 267, FREQ(B)= 1951, FREQ(C)= 967, FREQ(D)= 56
PCT(A)= 8.2, PCT(B)= 60.2, PCT(C)= 29.8, FREQ(D)= 1.7

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 4														
A075 MAJOR CHEST PROCEDURES	195	9.4	7573	1.0	0.8	44	12.6	7427	1.0	1.1	B	B	B	
MDC 6														
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	407	7.8	8540	0.8	0.9	68	9.0	4514	0.7	0.7	B	B	B	
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	108	1.9	1566	0.4	0.4	31	3.2	1661	0.4	0.5	C	C	B	*
MDC 17														
A400 LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE	34	8.7	9360	1.1	1.2	8	1.7	1993	0.1	0.4	B	C	C	#
A401 LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC	23	2.9	3027	0.6	0.7	4	3.5	2737	0.4	0.8	C	C	C	#
A406 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O	31	6.4	5814	0.9	0.9	12	4.8	2078	0.5	0.5	C	C	C	#
A408 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER	84	3.0	2401	0.8	0.7	10	11.5	4133	2.5	1.9	C	B	C	#

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 416 SEPTICEMIA ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 5017, FREQ(A)= 4528, FREQ(B)= 429, FREQ(C)= 54, FREQ(D)= 6
PCT(A)= 90.3, PCT(B)= 8.6, PCT(C)= 1.1, FREQ(D)= 0.1

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 5													
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	106	8.1	12907	0.6	1.3	38	11.8	10158	0.6	1.4	B	A	A
MDC 6													
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	360	19.9	35280	2.0	3.9	67	28.7	22316	2.2	3.5	A	A	A
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	177	19.3	38309	2.5	5.3	29	28.0	20620	3.0	4.9	A	A	A
MDC 7													
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	159	11.0	16800	1.9	3.5	45	11.5	9848	1.5	3.2	A	A	A
MDC 9													
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	182	20.7	20424	1.4	2.0	41	33.9	14749	2.0	2.6	A	A	A
MDC 11													
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	177	14.0	16503	2.1	2.8	37	12.5	7817	1.4	1.9	A	B	A

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 418 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 7212, FREQ(A)= 4775, FREQ(B)= 1532, FREQ(C)= 889, FREQ(D)= 16
PCT(A)= 66.2, PCT(B)= 21.2, PCT(C)= 12.3, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 5														
A107 CORONARY BYPASS W/O CARDIAC CATH	78	16.1	28760	1.8	1.5	32	20.1	13638	1.8	1.1	A	A	A	
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	191	22.6	27322	2.5	2.3	59	20.5	12658	1.7	1.6	A	A	A	
MDC 6														
A146 RECTAL RESECTION	149	16.6	21213	1.5	2.0	34	18.3	11887	1.3	1.7	A	A	A	
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	744	18.1	25412	1.8	2.8	138	17.5	14094	1.3	2.2	A	A	A	
A150 PERITONEAL ADHESIOLYSIS	124	13.9	15372	1.7	2.3	28	14.4	7936	1.5	2.0	A	A	A	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	256	20.9	30438	2.7	4.2	50	22.3	18389	2.4	4.3	A	A	A	
A164 APPENDECTOMY W COMPLICATED PRINCIPAL DIAG	165	7.1	6458	1.2	1.1	32	7.1	3140	0.9	0.9	B	B	A	*
MDC 7														
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	167	10.8	12620	1.8	2.6	60	12.1	7985	1.6	2.6	B	B	A	*
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	167	13.3	10321	1.1	0.9	38	18.5	6388	1.2	0.8	B	A	A	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	171	20.2	18863	1.8	2.1	38	26.2	15540	1.7	2.6	A	A	A	
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	58	7.8	4359	1.6	1.0	28	8.2	3070	1.1	0.9	B	B	B	*#
A259 SUBTOTAL MASTECTOMY FOR MALIGNANCY	5	8.1	4947	2.7	1.7	1	9.2	4941	1.9	2.2	B	B	B	#
A261 BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY &	7	2.0	1746	0.7	0.5	4	11.9	4552	3.3	2.0	C	A	B	#
A262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNAN	3	7.0	4965	4.1	2.8						A		B	#
A267 PERIANAL & PILONIDAL PROCEDURES	3	4.0	2640	1.7	1.3						B		B	#
A268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROC	6	11.6	9646	5.1	3.6	2	6.9	2270	2.6	1.4	A	B	B	#
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	45	11.6	8987	3.4	2.9	15	27.0	9766	5.8	4.4	A	A	B	#
MDC 13														
A353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RAD	38	11.1	8310	1.1	0.8	13	9.7	7344	0.7	1.0	B	B	B	#
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	60	5.7	6838	1.0	1.5	16	6.4	4049	0.9	1.3	B	C	B	#
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	33	6.3	5484	1.2	1.5	12	3.0	1291	0.5	0.5	C	C	B	#
A357 UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MA	29	10.3	13511	1.4	2.2	5	10.9	8869	1.2	2.3	B	B	B	#

Appendix 8

CLASS ASSIGNMENT OF CADRCS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRC AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 418 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 7212, FREQ(A)= 4775, FREQ(B)= 1532, FREQ(C)= 889, FREQ(D)= 16
PCT(A)= 66.2, PCT(B)= 21.2, PCT(C)= 12.3, FREQ(D)= 0.2

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	440	3.5	3047	0.7	0.7	166	4.5	2649	0.7	1.0	C	C	B	*#
A360 VAGINA, CERVIX & VULVA PROCEDURES	12	13.4	9135	5.6	4.1	5	6.4	3963	2.4	3.0	A	B	B	#
A361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION	4	4.9	3035	2.3	1.4	1	4.8	2479	2.2	1.9	B	B	B	#
A362 ENDOSCOPIC TUBAL INTERRUPTION													B	#
A363 D&C, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	2	23.7	16271	10.2	7.3						A		B	#
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	3	3.8	1430	2.4	0.9						B		B	#
A365 OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURE	22	19.3	14277	3.8	3.4	6	25.4	14492	3.8	5.2	A	A	B	#
MDC 14														
A370 CESAREAN SECTION	101	3.7	3340	0.8	1.0	15	2.7	835	0.5	0.4	C	C	B	#
A374 VAGINAL DELIVERY W STERILIZATION &/OR D&C	10	0.8	125	0.3	0.1						C		B	#
A375 VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR													B	#
A377 POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PRO	6	15.9	20597	6.4	8.4	1	7.5	3815	3.0	2.5	A	B	B	#
A381 ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTERO	6	4.2	8352	3.3	6.0	1	4.5	1162	3.0	1.2	A	A	B	#
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	200	19.0	23407	3.8	4.4	37	19.9	12011	2.9	3.2	A	A	A	

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Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 435 ALC/DRUG DEPENDENCE ; ASSIGNMENT SYSTEMWIDE C
FREQ(TOTAL)= 4102, FREQ(A)= 272, FREQ(B)= 1312, FREQ(C)= 2435, FREQ(D)= 83
PCT(A)= 6.6, PCT(B)= 32.0, PCT(C)= 59.4, FREQ(D)= 2.0

	CALIFORNIA					MARYLAND					ASSIGNMENT		
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD
MDC 6													
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	269	3.0	6571	0.4	0.9	58	3.0	2278	0.3	0.5	C	C	C
MDC 8													
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	294	4.1	3830	0.4	0.4	51	5.8	3645	0.4	0.6	C	C	C

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 452 COMPLICATIONS OF TREATMENT ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 26354, FREQ(A)= 7189, FREQ(B)= 8848, FREQ(C)=10243, FREQ(D)= 74
PCT(A)= 27.3, PCT(B)= 33.6, PCT(C)= 38.9, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 1														
A001 CRANIOTOMY EXCEPT FOR TRAUMA	465	11.4	13664	1.0	1.0	63	16.8	11627	1.1	1.2	B	A	B	
A005 EXTRACRANIAL VASCULAR PROCEDURES	420	4.5	6665	0.8	1.0	60	7.4	4968	0.9	1.1	C	B	B	
MDC 2														
A036 RETINAL PROCEDURES	177	2.5	2055	0.7	0.6	145	0.9	687	0.2	0.3	C	C	B	*
A039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	407	0.7	433	0.4	0.1	304	0.9	563	0.4	0.3	C	C	B	*
A042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LE	173	1.5	1190	0.5	0.3	139	1.1	585	0.3	0.2	C	C	B	*
MDC 3														
A049 MAJOR HEAD & NECK PROCEDURES	98	16.9	21378	1.7	2.0	36	18.1	10099	1.4	1.4	A	A	B	*
A055 MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	84	2.5	2544	1.5	1.2	32	2.2	1839	1.0	1.3	C	C	B	*
MDC 4														
A075 MAJOR CHEST PROCEDURES	299	9.0	15182	1.0	1.6	54	9.6	7250	0.8	1.1	A	B	B	
MDC 5														
A105 CARDIAC VALVE PROCEDURE W PUMP & W/O CARDIAC CA	244	6.5	19534	0.6	0.8	50	12.0	10348	0.9	0.7	A	A	B	*
A107 CORONARY BYPASS W/O CARDIAC CATH	630	5.5	12890	0.6	0.7	159	8.1	8301	0.7	0.7	B	B	B	
A110 MAJOR RECONSTRUCTIVE VASCULAR PROC W/O PUMP	964	9.9	15805	1.1	1.3	253	10.0	7300	0.8	0.9	A	B	B	
A112 VASCULAR PROCEDURES EXCEPT MAJOR RECONSTRUCTION	599	8.2	9645	1.5	1.5	103	9.5	6848	1.2	1.4	B	B	B	
A113 AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPP	91	13.4	16080	1.0	1.6	31	13.2	6579	0.6	0.9	A	B	B	
A120 OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	123	14.1	19772	1.4	2.9	28	10.7	8546	0.8	1.8	A	B	B	
MDC 6														
A146 RECTAL RESECTION	211	11.3	18384	1.0	1.7	45	11.8	11582	0.9	1.7	A	A	B	*
A148 MAJOR SMALL & LARGE BOWEL PROCEDURES	1136	13.4	19414	1.3	2.1	200	13.1	9763	1.0	1.5	A	A	B	*
A150 PERITONEAL ADHESIOLYSIS	164	8.2	12421	1.0	1.9	43	7.9	5275	0.8	1.3	B	B	B	
A154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES	559	13.1	21051	1.7	2.9	100	12.4	10737	1.3	2.5	A	A	B	*
A157 ANAL & STOMAL PROCEDURES	189	2.7	2428	0.8	1.0	56	3.5	1840	0.8	1.1	C	C	B	*
A159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL	167	4.6	3693	1.4	1.3	34	3.0	1628	0.6	0.8	C	C	B	*
A161 INGUINAL & FEMORAL HERNIA PROCEDURES	308	2.6	2135	1.1	1.0	68	4.2	1729	1.2	1.1	C	C	B	*

Appendix 8
CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 452 COMPLICATIONS OF TREATMENT ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 26354, FREQ(A)= 7189, FREQ(B)= 8848, FREQ(C)=10243, FREQ(D)= 74
PCT(A)= 27.3, PCT(B)= 33.6, PCT(C)= 38.9, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
A168 MOUTH PROCEDURES	125	5.8	6617	1.8	1.6	26	14.1	7503	3.5	2.8	B	A	B	
MDC 7														
A191 MAJOR PANCREAS, LIVER & SHUNT PROCEDURES	154	13.4	27098	1.1	2.0	37	15.6	13411	1.3	1.9	A	A	B	*
A195 TOTAL CHOLECYSTECTOMY W C.D.E.	168	7.4	10614	0.9	1.5	26	9.3	5455	0.8	1.2	B	B	B	
A197 TOTAL CHOLECYSTECTOMY W/O C.D.E.	483	5.4	6987	0.9	1.5	97	7.3	5176	1.0	1.7	C	B	B	
MDC 8														
A209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	887	6.3	6423	0.5	0.5	105	8.3	3862	0.5	0.5	C	B	B	
A210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	452	10.3	10485	0.9	1.2	67	13.3	7112	0.9	1.2	B	B	B	
A214 BACK & NECK PROCEDURES	468	5.9	5330	0.6	0.7	71	8.3	5065	0.8	1.1	C	B	B	
A217 WND DEBRID & SKN GRFT EXCEPT HAND,FOR MUSCSK &	164	26.4	21008	3.2	2.8	31	25.4	12986	2.6	2.7	A	A	B	*
MDC 9														
A257 TOTAL MASTECTOMY FOR MALIGNANCY	130	2.8	2269	0.6	0.5	40	4.7	2302	0.6	0.7	C	C	B	*
A263 SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULI	215	26.9	20644	1.9	2.0	39	26.0	12640	1.5	2.2	A	A	B	*
A265 SKIN GRAFT &/OR DEBRID EXCEPT FOR SKIN ULCER OR	118	10.7	8077	2.3	1.9	30	12.8	6317	2.1	2.3	B	B	B	
A269 OTHER SKIN, SUBCUT TISS & BREAST PROC	125	7.6	7308	2.2	2.3	31	19.3	9117	4.2	4.1	B	A	B	
MDC 11														
A302 KIDNEY TRANSPLANT	250	8.3	10233	0.4	0.3	47	12.4	11745	0.8	0.4	B	A	B	
A303 KIDNEY,URETER & MAJOR BLADDER PROCEDURES FOR NE	149	10.4	13035	1.1	1.2	31	13.7	8875	1.0	1.2	B	B	B	
A304 KIDNEY,URETER & MAJOR BLADDER PROC FOR NON-NEOP	439	6.6	8643	1.0	1.5	56	8.1	6183	0.9	1.5	B	B	B	
A310 TRANSURETHRAL PROCEDURES	111	3.8	2556	1.2	0.9	33	5.8	3086	1.3	1.6	C	B	B	
A315 OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	309	12.5	15192	1.9	2.1	37	7.0	4807	0.8	1.0	A	B	B	
MDC 12														
A336 TRANSURETHRAL PROSTATECTOMY	456	3.3	3600	0.7	1.0	70	7.6	3856	1.1	1.5	C	B	B	
MDC 13														
A354 UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MAL	154	4.0	5421	0.7	1.2	29	6.7	4349	0.9	1.4	C	C	B	*
A356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCE	213	1.8	1691	0.4	0.5	41	3.0	1877	0.4	0.8	C	C	B	*
A358 UTERINE & ADNEXA PROC FOR NON-MALIGNANCY	1649	1.9	2072	0.4	0.5	380	2.6	1732	0.4	0.6	C	C	B	*
A364 D&C, CONIZATION EXCEPT FOR MALIGNANCY	75	0.6	511	0.4	0.3	26	1.1	584	0.6	0.6	C	C	B	*

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(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 452 COMPLICATIONS OF TREATMENT ; ASSIGNMENT SYSTEMWIDE B
FREQ(TOTAL)= 26354, FREQ(A)= 7189, FREQ(B)= 8848, FREQ(C)=10243, FREQ(D)= 74
PCT(A)= 27.3, PCT(B)= 33.6, PCT(C)= 38.9, FREQ(D)= 0.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 14														
A370 CESAREAN SECTION	293	1.7	1981	0.4	0.6	37	2.7	1723	0.5	0.7	C	C	B	*
MDC 18														
A415 O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEA	379	10.8	16229	1.0	1.8	43	10.3	9329	0.8	1.9	A	A	B	*
MDC 21														
A442 OTHER O.R. PROCEDURES FOR INJURIES	655	9.8	14167	1.9	2.7	118	13.2	7156	1.9	1.9	B	B	B	

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.

\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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CLASS ASSIGNMENT OF CADRGS BASED ON DATA AND BASED ON THE REFINEMENT MODEL
SURGICAL MODEL
(FREQ > 25 BY ADRG AND CADRG IN CA AND MD OR AN EXCEPTION WAS MADE)

CADRG 454 OTHER INJURY, POISONING & TOXIC EFF DIAG ; ASSIGNMENT SYSTEMWIDE A
FREQ(TOTAL)= 330, FREQ(A)= 166, FREQ(B)= 67, FREQ(C)= 86, FREQ(D)= 11
PCT(A)= 50.3, PCT(B)= 20.3, PCT(C)= 26.1, FREQ(D)= 3.3

	CALIFORNIA					MARYLAND					ASSIGNMENT			
	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	NPAT	DIFF LOS	DIFF CHG	RATIO DLOS	RATIO DCHG	CA	MD	MOD	
MDC 16														
A392 SPLENECTOMY	37	1.3	5210	0.2	0.7	4	-0.7	2814	-0.1	0.4	C	C	C	#

* THE ASSIGNMENTS IN THE CA AND MD DATA BASES AGREE, FREQUENCY CRITERION IS MET, BUT THE ASSIGNMENTS DO NOT AGREE WITH THE ASSIGNMENT SYSTEMWIDE.
\# AN EXCEPTION WAS MADE, I.E., THE ASSIGNMENT IN THE MODEL IS DIFFERENT FROM THE ASSIGNMENT SYSTEMWIDE.

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